

Biotech Drug

Expression Plasmid Vectors

RGBioTech

Better Service, Better Science

For research purposes only.

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Introduction

Biotech drugs or medicines are biologics that refer to a wide range of products such as vaccines, cells, antibodies and recombinant therapeutic proteins etc. However, in most cases, it is used more restrictively for a class of therapeutics that are produced using biological processes involving recombinant DNA technology. Major kinds of biopharmaceuticals include: monoclonal antibodies (mABs), enzymes, hormones (insulin, glucagon, growth hormone, gonadotrophins), blood factors (Factor VIII and Factor IX), haematopoietic growth factors (Erythropoietin, colony-stimulating factors), interferons (Interferons- α , - β , - γ), interleukin-based products (Interleukin-2), and other recombinant proteins. Biosimilars are follow-on biologics that are almost identical copies of existing drugs with patent expiration. Biotech drugs including biosimilars have grown to be important treatment options for many diseases including cancer, blood disorders, rheumatoid arthritis, cardiovascular disease and so on.

An ideal expression vector plays a critical role in the production processes. **RGBiotech** offer a number of vectors for expressing monoclonal antibodies (mABs) and various types of recombinant proteins that have been approved as drugs by drug-related authorities like FDA. Our goal is to assist and promote the complex process of drug development.

Applications



Generation of stable cell lines



Production of biosimilars for research use



Development of biosimilar drugs for therapeutic use



Investigation of existing drugs for new therapeutic purposes (drug repositioning/ repurposing/ reprofiling)

Highlights



We have a large collection of empty vectors that are suitable for expressing biotech drugs. They are either non-viral-based or viral-based vectors including lentiviral, retroviral, adenoviral and AAV vectors. Customers also have flexible options for choosing preferred promoters and antibiotic selection markers.



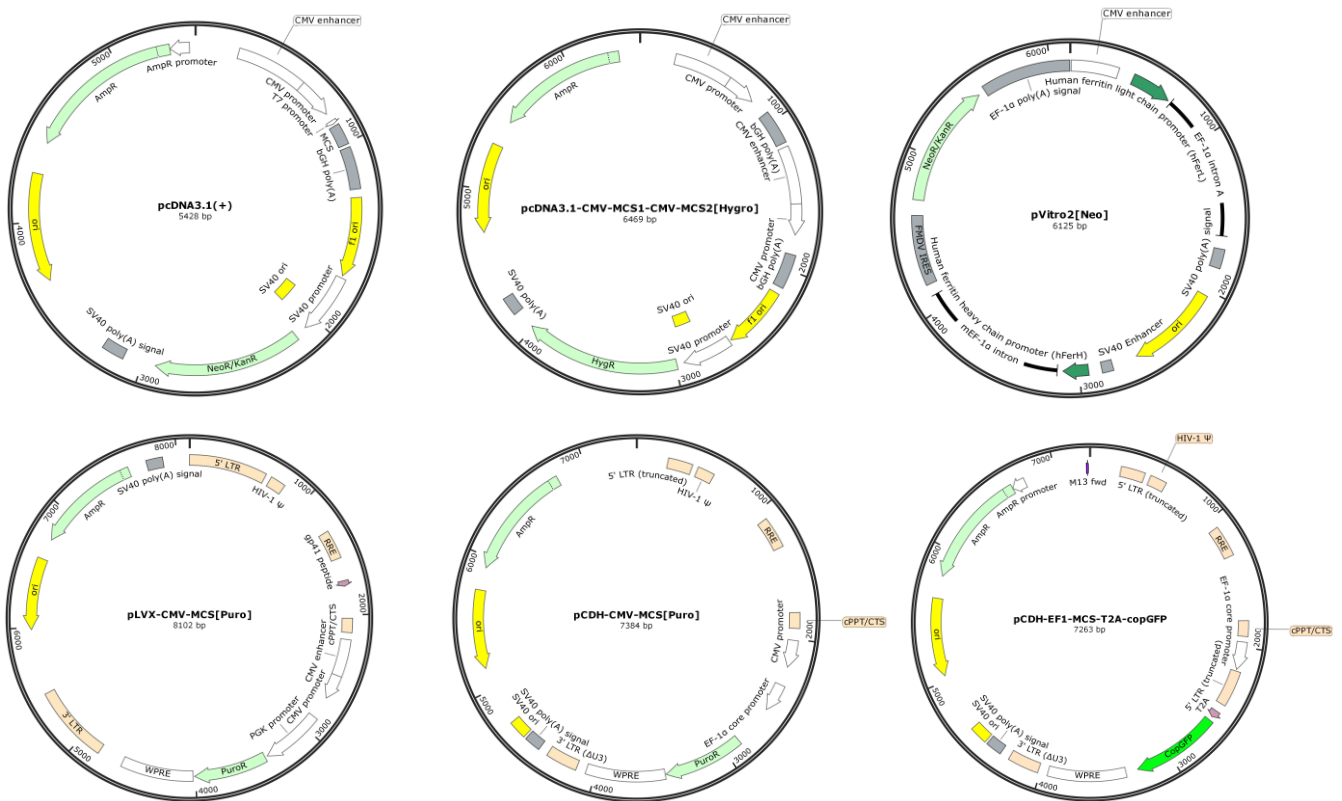
We validate each vector through both enzyme digestion and sequencing to make sure a 100% sequence accuracy for the target encoding sequence(s).



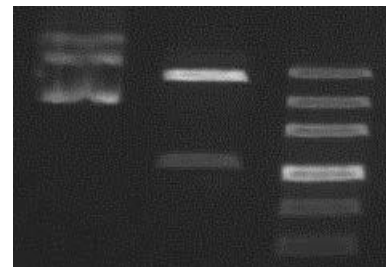
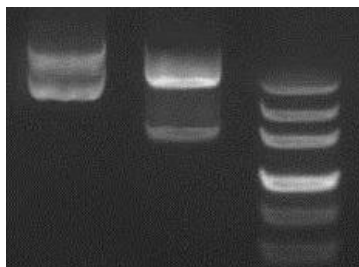
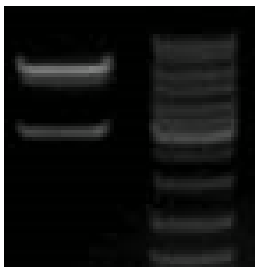
We also provide tailor construction services to generate fit-for-project vectors.



We can supply Research grade, GMP-Like grade and GMP grade vectors.



For more empty vector backbones, please contact us at admin@rgbioTech.com.



Validation of biotech drug promoter expression plasmid vectors by enzyme digestion.

Item Name	Item No.	Price
Abatacept Expression Plasmid	PPBD-1	Inquiry
Abciximab Expression Plasmid	PPBD-2	Inquiry
Adalimumab Expression Plasmid	PPBD-3	Inquiry
Aflibercept Expression Plasmid	PPBD-4	Inquiry
Agalsidase Beta Expression Plasmid	PPBD-5	Inquiry
Albiglutide Expression Plasmid	PPBD-6	Inquiry
Aldesleukin Expression Plasmid	PPBD-7	Inquiry
Alefacept Expression Plasmid	PPBD-8	Inquiry
Alfimeprase Expression Plasmid	PPBD-9	Inquiry
Abaloparatide Expression Plasmid	PPBD-10	Inquiry
Agalsidase alfa Expression Plasmid	PPBD-11	Inquiry
Albumin human Expression Plasmid	PPBD-12	Inquiry
Albutrepenonacog alfa Expression Plasmid	PPBD-13	Inquiry
Alemtuzumab Expression Plasmid	PPBD-14	Inquiry
Alglucerase Expression Plasmid	PPBD-15	Inquiry
Alglucosidase alfa Expression Plasmid	PPBD-16	Inquiry
Alpha-1-proteinase inhibitor Expression Plasmid	PPBD-17	Inquiry
Alteplase Expression Plasmid	PPBD-18	Inquiry
Anakinra Expression Plasmid	PPBD-19	Inquiry
Ancestim Expression Plasmid	PPBD-20	Inquiry
Anistreplase Expression Plasmid	PPBD-21	Inquiry

Item Name	Item No.	Price
Antihemophilic factor, human recombinant Expression Plasmid	PPBD-23	Inquiry
Aprotinin Expression Plasmid	PPBD-24	Inquiry
Asfotase alfa Expression Plasmid	PPBD-25	Inquiry
Asparaginase Escherichia coli Expression Plasmid	PPBD-27	Inquiry
Atezolizumab Expression Plasmid	PPBD-28	Inquiry
Avelumab Expression Plasmid	PPBD-29	Inquiry
Basiliximab Expression Plasmid	PPBD-30	Inquiry
Becaplermin Expression Plasmid	PPBD-31	Inquiry
Belatacept Expression Plasmid	PPBD-32	Inquiry
Benralizumab Expression Plasmid	PPBD-33	Inquiry
Besilesomab Expression Plasmid	PPBD-34	Inquiry
Bevacizumab Expression Plasmid	PPBD-35	Inquiry
Blinatumomab Expression Plasmid	PPBD-36	Inquiry
Botulinum toxin type A Expression Plasmid	PPBD-37	Inquiry
Botulinum toxin type B Expression Plasmid	PPBD-38	Inquiry
Burosumab Expression Plasmid	PPBD-39	Inquiry
Canakinumab Expression Plasmid	PPBD-40	Inquiry
Caplacizumab Expression Plasmid	PPBD-41	Inquiry
Catridecacog Expression Plasmid	PPBD-42	Inquiry
Cerliponase alfa Expression Plasmid	PPBD-43	Inquiry
Certolizumab pegol Expression Plasmid	PPBD-44	Inquiry

Item Name	Item No.	Price
Cetuximab Expression Plasmid	PPBD-45	Inquiry
Choriogonadotropin alfa Expression Plasmid	PPBD-46	Inquiry
Chymopapain Expression Plasmid	PPBD-48	Inquiry
Coagulation Factor IX (Recombinant) Expression Plasmid	PPBD-49	Inquiry
Coagulation factor VIIa Recombinant Human Expression Plasmid	PPBD-51	Inquiry
Collagenase clostridium histolyticum Expression Plasmid	PPBD-52	Inquiry
Daratumumab Expression Plasmid	PPBD-54	Inquiry
Darbepoetin alfa Expression Plasmid	PPBD-55	Inquiry
Denileukin diftitox Expression Plasmid	PPBD-56	Inquiry
Denosumab Expression Plasmid	PPBD-57	Inquiry
Digoxin Immune Fab (Ovine) Expression Plasmid	PPBD-58	Inquiry
Dornase alfa Expression Plasmid	PPBD-59	Inquiry
Dostarlimab Expression Plasmid	PPBD-60	Inquiry
Drotrecogin alfa Expression Plasmid	PPBD-61	Inquiry
Dulaglutide Expression Plasmid	PPBD-62	Inquiry
Dupilumab Expression Plasmid	PPBD-63	Inquiry
Durvalumab Expression Plasmid	PPBD-64	Inquiry
Ecallantide Expression Plasmid	PPBD-65	Inquiry
Efalizumab Expression Plasmid	PPBD-66	Inquiry
Elapegamase Expression Plasmid	PPBD-67	Inquiry
Elosulfase alfa Expression Plasmid	PPBD-68	Inquiry
Elotuzumab Expression Plasmid	PPBD-69	Inquiry

Item Name	Item No.	Price
Emicizumab Expression Plasmid	PPBD-70	Inquiry
Eptinezumab Expression Plasmid	PPBD-72	Inquiry
Erenumab Expression Plasmid	PPBD-73	Inquiry
Erythropoietin Expression Plasmid	PPBD-74	Inquiry
Etanercept Expression Plasmid	PPBD-75	Inquiry
Filgrastim Expression Plasmid	PPBD-77	Inquiry
Follitropin Expression Plasmid	PPBD-78	Inquiry
Fremanezumab Expression Plasmid	PPBD-79	Inquiry
Galcanezumab Expression Plasmid	PPBD-80	Inquiry
Galsulfase Expression Plasmid	PPBD-81	Inquiry
Gemtuzumab ozogamicin Expression Plasmid	PPBD-82	Inquiry
Glucarpidase Expression Plasmid	PPBD-85	Inquiry
Guselkumab Expression Plasmid	PPBD-86	Inquiry
Human calcitonin Expression Plasmid	PPBD-87	Inquiry
Human thrombin Expression Plasmid	PPBD-89	Inquiry
Hyaluronidase (ovine) Expression Plasmid	PPBD-90	Inquiry
Ibritumomab tiuxetan Expression Plasmid	PPBD-91	Inquiry
Idarucizumab Expression Plasmid	PPBD-92	Inquiry
Idursulfase Expression Plasmid	PPBD-93	Inquiry
Imiglucerase Expression Plasmid	PPBD-94	Inquiry
Insulin aspart Expression Plasmid	PPBD-95	Inquiry
Insulin degludec Expression Plasmid	PPBD-96	Inquiry

Item Name	Item No.	Price
Insulin detemir Expression Plasmid	PPBD-97	Inquiry
Insulin glargine Expression Plasmid	PPBD-98	Inquiry
Insulin glulisine Expression Plasmid	PPBD-99	Inquiry
Insulin human Expression Plasmid	PPBD-100	Inquiry
Insulin lispro Expression Plasmid	PPBD-101	Inquiry
Insulin pork Expression Plasmid	PPBD-102	Inquiry
Interferon alfa-2a Expression Plasmid	PPBD-103	Inquiry
Interferon alfa-2b Expression Plasmid	PPBD-104	Inquiry
Interferon alfa-n1 Expression Plasmid	PPBD-105	Inquiry
Interferon alfa-n3 Expression Plasmid	PPBD-106	Inquiry
Interferon alfacon-1 Expression Plasmid	PPBD-107	Inquiry
Interferon beta-1a Expression Plasmid	PPBD-108	Inquiry
Interferon beta-1b Expression Plasmid	PPBD-109	Inquiry
Interferon gamma-1b Expression Plasmid	PPBD-110	Inquiry
Ipilimumab Expression Plasmid	PPBD-111	Inquiry
Ixekizumab Expression Plasmid	PPBD-112	Inquiry
Lanadelumab Expression Plasmid	PPBD-113	Inquiry
Laronidase Expression Plasmid	PPBD-114	Inquiry
Lepirudin Expression Plasmid	PPBD-115	Inquiry
Lutropin alfa Expression Plasmid	PPBD-119	Inquiry
Lyme disease vaccine (recombinant OspA) Expression Plasmid	PPBD-120	Inquiry
Mecasermin Expression Plasmid	PPBD-121	Inquiry

Item Name	Item No.	Price
Menotropins Expression Plasmid	PPBD-122	Inquiry
Metreleptin Expression Plasmid	PPBD-123	Inquiry
Moxetumomab pasudotox Expression Plasmid	PPBD-124	Inquiry
Muromonab Expression Plasmid	PPBD-125	Inquiry
Necitumumab Expression Plasmid	PPBD-126	Inquiry
Nesiritide Expression Plasmid	PPBD-127	Inquiry
Nivolumab Expression Plasmid	PPBD-128	Inquiry
Ocriplasmin Expression Plasmid	PPBD-129	Inquiry
Ofatumumab Expression Plasmid	PPBD-130	Inquiry
Olaratumab Expression Plasmid	PPBD-131	Inquiry
Omalizumab Expression Plasmid	PPBD-132	Inquiry
Oprelvekin Expression Plasmid	PPBD-133	Inquiry
Palifermin Expression Plasmid	PPBD-135	Inquiry
Parathyroid hormone Expression Plasmid	PPBD-139	Inquiry
Pegademase Expression Plasmid	PPBD-140	Inquiry
Pegaspargase Expression Plasmid	PPBD-141	Inquiry
Pegfilgrastim Expression Plasmid	PPBD-142	Inquiry
Peginterferon alfa-2a Expression Plasmid	PPBD-143	Inquiry
Peginterferon alfa-2b Expression Plasmid	PPBD-144	Inquiry
Peginterferon beta-1a Expression Plasmid	PPBD-145	Inquiry
Pegloticase Expression Plasmid	PPBD-146	Inquiry
Pegvisomant Expression Plasmid	PPBD-147	Inquiry

Item Name	Item No.	Price
Pembrolizumab Expression Plasmid	PPBD-148	Inquiry
Pertuzumab Expression Plasmid	PPBD-150	Inquiry
Plasminogen Expression Plasmid	PPBD-151	Inquiry
Protein S human Expression Plasmid	PPBD-152	Inquiry
Prothrombin Expression Plasmid	PPBD-153	Inquiry
Ramucirumab Expression Plasmid	PPBD-154	Inquiry
Ranibizumab Expression Plasmid	PPBD-155	Inquiry
Rasburicase Expression Plasmid	PPBD-156	Inquiry
Ravulizumab Expression Plasmid	PPBD-157	Inquiry
Retepase Expression Plasmid	PPBD-158	Inquiry
Riloncept Expression Plasmid	PPBD-159	Inquiry
Risankizumab Expression Plasmid	PPBD-160	Inquiry
Rituximab Expression Plasmid	PPBD-161	Inquiry
Romiplostim Expression Plasmid	PPBD-162	Inquiry
Sargramostim Expression Plasmid	PPBD-164	Inquiry
Sarilumab Expression Plasmid	PPBD-165	Inquiry
Sebelipase alfa Expression Plasmid	PPBD-166	Inquiry
Secukinumab Expression Plasmid	PPBD-168	Inquiry
Siltuximab Expression Plasmid	PPBD-171	Inquiry
Somatotropin Expression Plasmid	PPBD-172	Inquiry
Stem bromelain Expression Plasmid	PPBD-173	Inquiry
Streptokinase Expression Plasmid	PPBD-174	Inquiry

Item Name	Item No.	Price
Tagraxofusp Expression Plasmid	PPBD-175	Inquiry
Tasonermin Expression Plasmid	PPBD-176	Inquiry
Teduglutide Expression Plasmid	PPBD-177	Inquiry
Tenecteplase Expression Plasmid	PPBD-178	Inquiry
Teriparatide Expression Plasmid	PPBD-179	Inquiry
Thrombin alfa Expression Plasmid	PPBD-181	Inquiry
Thyrotropin alfa Expression Plasmid	PPBD-183	Inquiry
Tildrakizumab Expression Plasmid	PPBD-185	Inquiry
Tocilizumab Expression Plasmid	PPBD-186	Inquiry
Tositumomab Expression Plasmid	PPBD-187	Inquiry
Trastuzumab Expression Plasmid	PPBD-188	Inquiry
Turoctocog alfa Expression Plasmid	PPBD-189	Inquiry
Ustekinumab Expression Plasmid	PPBD-192	Inquiry
Vedolizumab Expression Plasmid	PPBD-193	Inquiry
Vonicog alfa Expression Plasmid	PPBD-196	Inquiry