

Biotinylated Recombinant Human FGFR-2 beta (IIIb)/KGFR/CD332 Protein

Catalog No.: RP02535B

Sequence Information

Species	Gene ID
Human	2263
Swiss Prot	Tags
P21802-3	C-His&Avi

Synonyms

Fibroblast growth factor receptor 2; FGFR-2; KGFR; K-sam; Keratinocyte growth factor receptor; CD332; BEK; KSAM

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
28.3 kDa	48-60 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5%

Background

Four distinct genes encoding closely related FGF receptors, FGF R1 - 4, are known. All four genes for FGF Rs encode proteins with an N-terminal signal peptide, three immunoglobulin (Ig)-like domains, an acid-box region containing a run of acidic residues between the IgI and IgII domains, a transmembrane domain and the split tyrosine-kinase domain. Multiple forms of FGF R1 - 3 are generated by alternative splicing of the mRNAs. A frequent splicing event involving FGF R1 and 2 results in receptors containing all three Ig domains, referred to as the alpha? isoform, or only IgII and IgIII, referred to as the beta? isoform.

Basic Information

Description

Biotinylated Recombinant Human FGFR-2 beta (IIIb)/KGFR/CD332 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg152-Glu378) of human FGFR-2 beta (IIIb)/KGFR/CD332 (Accession #P21802-3) fused with His&Avi tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

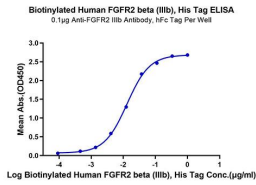
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

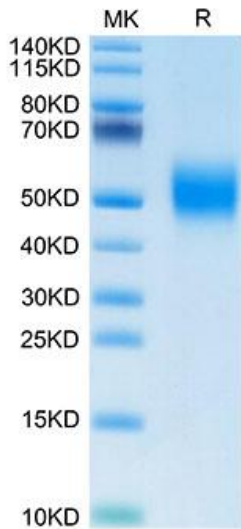
		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

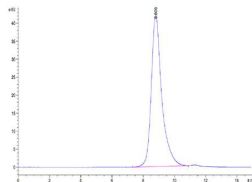
Validation Data



Immobilized Anti-FGFR2 IIIb Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate.
Dose response curve for Biotinylated Human FGFR2 beta (IIIb) , His Tag with the EC₅₀ of 13.1ng/ml determined by ELISA.



Biotinylated Recombinant Human FGFR-2 beta (IIIb)/KGFR/CD332 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human FGFR2 beta (IIIb) is greater than 95% as determined by SEC-HPLC.