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

Catalog No.: RP02532 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2263	P21802-1

Tags
C-His

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
26.4 kDa	45-60 kDa

Endotoxin
Less than 1EU per μg by the LAL method.

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

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.

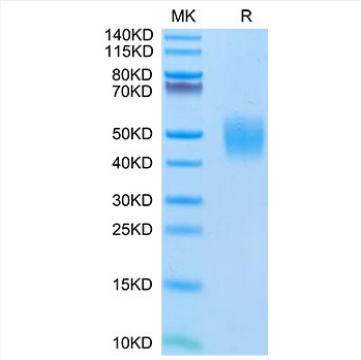
Basic Information

Description
Recombinant Human FGFR-2 beta (IIIc)/KGFR/CD332 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg152-Glu377) of human FGFR-2 beta (IIIc)/KGFR/CD332 (Accession #P21802-1) fused with His tag at the C-terminus.

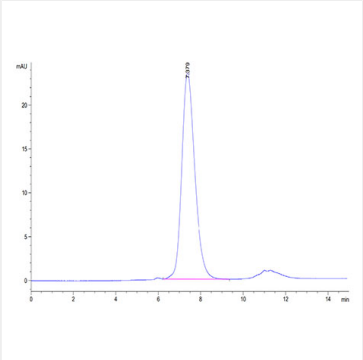
Bio-Activity

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Human FGFR2 beta (IIIc) on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



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