

RP02530

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Recombinant Human FGFR2 alpha (IIIb)/KGFR/CD332 Protein

Catalog No.: RP02530

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human		P21802-3

Tags
C-hFc

Synonyms

FGF R2a; FGFR2 alpha; KGFR; CD332; BBDS; BEK; BFR-1; CEK3; CFD1; ECT1; JWS; K-SAM; KGFR; TK14; TK25; FLJ98662

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

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

Contact



www.abclonal.com

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 Igl 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

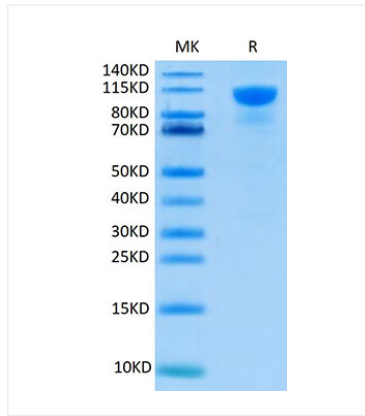
Recombinant Human FGFR2 alpha (IIIb) Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Arg22-Glu378.

Bio-Activity

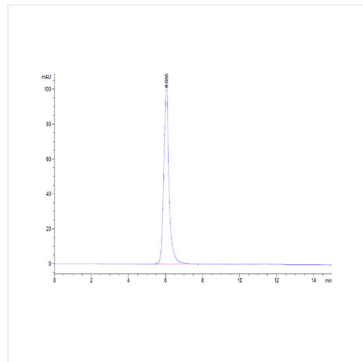
Storage

Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

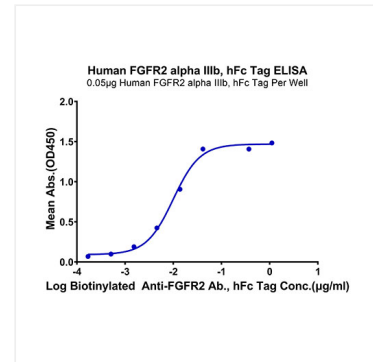
Validation Data



Human FGFR2 alpha (IIIb) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Human FGFR2 alpha IIIb, hFc tag at 0.5μg/ml (100μl/Well). Dose response curve for Biotinylated Anti-FGFR2 Ab., hFc Tag with the EC₅₀ of 10.0ng/ml determined by ELISA.