

# Recombinant Mouse FGFR-2 beta (IIIb)/KGFR/CD332 Protein

Catalog No.: RP02665 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14183	P21803-2

### 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

### 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

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## 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 Mouse FGFR-2 beta (IIIb)/KGFR/CD332 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Pro39-Glu263) of mouse FGFR-2 beta (IIIb)/KGFR/CD332 (Accession #P21803-2) fused with His tag at the C-terminus.

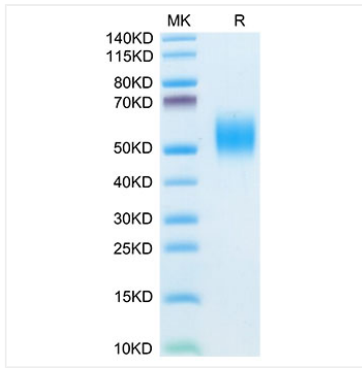
### Bio-Activity

### Storage

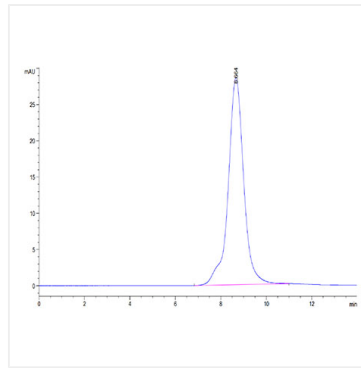
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Validation Data

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



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