

## Recombinant Human FGFR2 protein(IIIb), His-Avi-tagged

Cat. No. FGFR2-055H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGFR2 alpha (IIIb) Protein is expressed from mammalian with a His tag and Avi Tag at the C-terminal. It contains Arg22-Glu378.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	It contains Arg22-Glu378.
<b>Description</b>	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.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 42.5 kDa. Due to glycosylation, the protein migrates to 70-110KDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.05 EU per ug by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Storage</b>	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

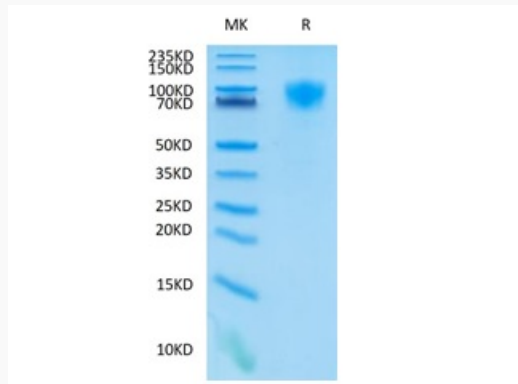
<b>Gene Name</b>	FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ]
<b>Official Symbol</b>	FGFR2
<b>Synonyms</b>	FGF R2a; FGFR2 alpha;KGFR;CD332;Keratinocyte growth factor receptor
<b>Gene ID</b>	2263
<b>mRNA Refseq</b>	NM_000141
<b>Protein Refseq</b>	NP_000132
<b>MIM</b>	176943
<b>UniProt ID</b>	P21802

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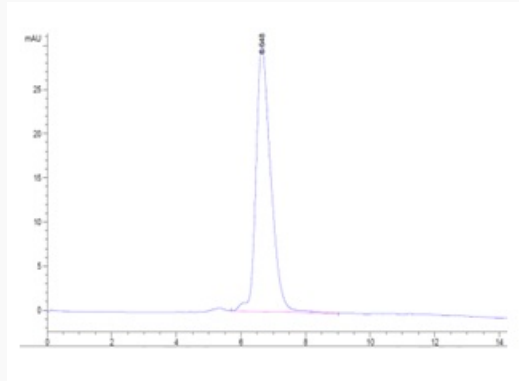
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**Tris-Bis PAGE**



**HPLC data**



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