Active Recombinant Human FGFR1 Protein, His-tagged

Cat. No. FGFR1-1133H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FGFR1 Protein(NP_075594.1)(Met 1-Glu 285) was expressed in HEK293 with C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-285 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit FGF acidic dependent proliferation of Balb/C 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.03-0.15 μg/mL.
Molecular Mass	The secreted recombinant human FGFR1 consists of 275 amino acids and has a predicted molecular mass of 31 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh FGFR1 monomer is approximately 50-55 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

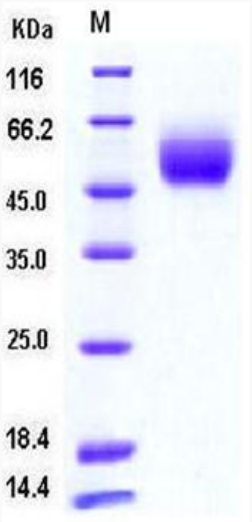
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	FGFR1 fibroblast growth factor receptor 1 [Homo sapiens]
Official Symbol	FGFR1
Synonyms	FGFR1; fibroblast growth factor receptor 1; FLT2, fms related tyrosine kinase 2 , KAL2; BFGFR; CD331; CEK; FLG; H2; H3; H4; H5; N SAM; Pfeiffer syndrome; FGFR1/PLAG1 fusion; proto-oncogene c-Fgr; FMS-like tyrosine kinase 2; hydroxyaryl-protein kinase; fms-related tyrosine kinase 2; heparin-binding growth factor receptor; basic fibroblast growth factor receptor 1; OGD; FLT2; KAL2; FGFBR; FLT-2; HBGFR; N-SAM; FGFR-1; bFGF-R-1; FLJ99988;
Gene ID	2260
mRNA Refseq	NM_001174063
Protein Refseq	NP_001167534
MIM	136350
UniProt ID	P11362

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SDS-PAGE	

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