

Recombinant Human Fibroblast Growth Factor Receptor 1 Beta

Cat. No. FGFR1-487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mammalian Cells
Description	Fibroblast growth factor receptor-1 beta (FGFR1- beta) is an isoform of FGFR1 which is a receptor tyrosine kinase. FGF R1 β supports progression and chemoresistance in subsets of acute myeloid leukemias (AML).
Molecular Weight	The predicted molecular weight of Recombinant Human FGF R1 β (IIIb) is Mr 56 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 90-100 kDa.
State Of Matter	Lyophilized.
Purity	> 95% by SDS Page and analyzed by silver stain.
Endotoxin	< 1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

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GENE INFORMATION

Gene Name	FGFR1 fibroblast growth factor receptor 1 [Homo sapiens]
Synonyms	FGFR1; fibroblast growth factor receptor 1; CEK; FLG; OGD; FLT2; KAL2; BFGFR; CD331; FGFBR; HBGFR; N-SAM; FLJ99988; OTTHUMP00000190881; soluble FGFR1 variant 1; FMS-like tyrosine kinase 2; ydroxyaryl-protein kinase; fms-related tyrosine kinase 2; heparin-binding growth factor receptor; basic fibroblast growth factor receptor 1
Gene ID	2260
mRNA Refseq	NM_015850
Protein Refseq	NP_056934
UniProt ID	P11362
Chromosome Location	8p12
MIM	607401
Pathway	Adherens junction; MAPK signaling pathway; elanoma; Pathways in cancer; Prostate cancer; Regulation of actin cytoskeleton; Axon guidance; Signaling by FGFR
Function	ATP binding; fibroblast growth factor receptor activity; heparin binding; nucleotide binding; protein binding; transferase activity

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