

Recombinant Human FGFR3 Protein, hlgG-His-tagged

Cat. No. FGFR3-207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGFR3(23-375aa) fused with hlgG-His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	23-375aa
Description	FGFR3, also known as fibroblast growth factor receptor 3 isoform 1, is a member of the fibroblast growth factor receptor family. It is a family of polypeptide growth factors involved in a variety of activities including mitogenesis, angiogenesis, and wound healing. Its activation results in autophosphorylation of multiple tyrosine residues within the intracellular domain. It plays an essential role in the regulation of chondrocyte differentiation, proliferation and apoptosis, and is required for normal skeleton development. It frequently involved in human developmental disorders and is associated with several cancers, including multiple myeloma (MM).
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	65.1kDa (592aa) 70-100kDa (SDS-PAGE under reducing conditions)
AA Sequence	ESLGTEQRVV GRAAEVPGPE PGQQEQLVFG SGDAVELSCP PPGGGPMGPT VWVKDGTGLV PSERVLVGPQ RLQVLNASHE DSGAYSCRQR LTQRVLCHFS VRVTDAPSSG DDEGDEDAE DTGVDTGAPY WTRPERMDKK

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LLAVPAANTV RFRCPAAGNP TPSISWLKNG REFRGEHRIG
GIKLRHQQWS LVMESVVPD RGNYTCVVEN KFGSIRQTYT LDVLESPHR
PILQAGLPAN QTAVLGSDVE FHCKVYSDAQ PHIQWLKHVE
VNGSKVGPDG TPYVTVLKTA GANTTDKELE VLSLHNVTFE DAGEYTCLAG
NSIGFSHSA WLVLPAEEEE LVEADEAGSV YAGLEPKSCD
KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP
EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ
DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN
QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDS
GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH
  
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Purity > 95% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name [FGFR3 fibroblast growth factor receptor 3 \[Homo sapiens \]](#)

Official Symbol [FGFR3](#)

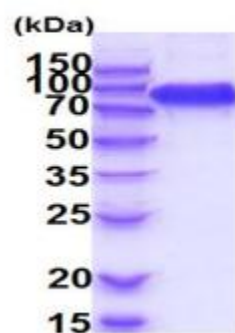
Synonyms FGFR3; fibroblast growth factor receptor 3; ACH, achondroplasia, thanatophoric dwarfism; CD333; CEK2; JTK4; FGFR-3; tyrosine kinase JTK4; hydroxyaryl-protein kinase; ACH; HSFGR3EX;

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Gene ID	2261
mRNA Refseq	NM_000142
Protein Refseq	NP_000133
MIM	134934
UniProt ID	P22607



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