

## Recombinant Human FGFR3 Protein, hlgG-His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGFR3(23-375aa) fused with hlgG-His tag at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	23-375aa
<b>Description</b>	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).
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	65.1kDa (592aa) 70-100kDa (SDS-PAGE under reducing conditions)
<b>AA Sequence</b>	ESLGTEQRVV GRAAEVPGPE PGQQEQLVFG SGDAVELSCP PPGGGPMGPT VWVKDGTGLV PSERVLVGPQ RLQVLNASHE DSGAYSCRQR LTQRVLCHFV VRVTDAPSSG DDEGDEAE DTGVDTGAPY WTRPERMDKK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LLAVPAANTV RFRCPAAGNP TPSISWLKNG REFRGEHRIG  
 GIKLRHQQWS LVMESVVPD RGNYTCVVEN KFGSIRQTYT LDVLERSPHR  
 PILQAGLPAN QTAVLGSDVE FHCKVYSDAQ PHIQWLKHVE  
 VNGSKVGPDG TPYVTVLKTA GANTTDKELE VLSLHNVTFE DAGEYTCLAG  
 NSIGFSHSA WLVLPAEEE LVEADEAGSV YAGLEPKSCD  
 KTHTCP CPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP  
 EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ  
 DWLNGKEYKC KVS NKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN  
 QVSLTCLVKG FYPSDIAVEW ESNQQPENNY KTTTPVLDS  
 GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH

**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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

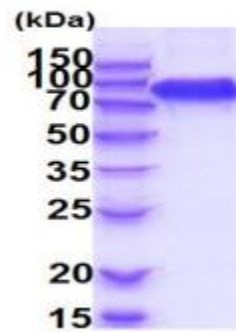
<b>Gene ID</b>	2261
----------------	------

<b>mRNA Refseq</b>	NM_000142
--------------------	-----------

<b>Protein Refseq</b>	NP_000133
-----------------------	-----------

<b>MIM</b>	134934
------------	--------

<b>UniProt ID</b>	P22607
-------------------	--------



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA