

Fibroblast Growth Factor Receptor 3 Fc Chimera Human Recombinant

Item Number	rAP-1107
Synonyms	Achondroplasia, Thanatophoric Dwarfism, CD333, ACH, CEK2, JTK4, HSGFR3EX, FGFR3.
Description	Soluble FGFR3 Human recombinant fused using a Xa cleavage site with the Fc part of human IgG1 produced in Fc Chimera is a heterodimeric, glycosylated, Polypeptide chain containing 593aa and having a molecular mass of 170kDa.
Uniprot Accession Number	P22607
Amino Acid Sequence	ESLGTEQRVV GRAAEVPGPE PGQQEQLVFG SGDAVELSCP PPGGGPMGPT VVWKDGTGLV PSERVLVGPQ RLQVLNASHE DSGAYSCRQR LTQRVLCHFS VRVTDAPSSG DDEDGEDEAE DTGVDTGAPY WTRPERMDKK LLAVPAANTV RFRCPAAGNP TPSISWLKNG REFRGEHRIG GI- KLRHQQWS LVMESVPSD RGNVTCVVEN KFGSIRQTYT LDVLESPHR PILQAGLPAN QTAVLGS DVE FHCKVYSDAQ PHIQWLKHVE VNGSKVGPDG TPYVTVLKTA GANTTDKELE VLSLHNVTFE DAG- EYTCLAG NSIGFSHSA WLVLPAEEE LVEADEAGDP RRASIEGRGD PEEPKSCDKT HTCPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS
Source	Insect Cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized FGFR3 although stable at room temperature for 3 weeks, should be stored desiccated below -18oC. Upon reconstitution FGFR3 should be stored at 4oC between 2-7 days and for future use below -18oC.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	FGFR3 was lyophilized from a concentrated (1 mg/ml) sterile solution containing PBS. Greater than 90.0% as determined by:(a) Analysis by silver stain.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized FGFR-3 in sterile PBS not less than 50µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**