

Recombinant Human FGFR3 Protein

Catalog #	Source	Reactivity	Applications
CRP2708	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human FGFR3 Protein is produced by mammalian expression system and the target gene encoding Glu23-Gly375 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	FGFR3
Alternative Names	JTK4; Fibroblast growth factor receptor 3; FGFR-3; CD333
Entrez Gene	2261 (Human)
SwissProt	P22607 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	ESLGTEQRVV GRAAEVPGPE PGQQEQLVFG SGDAVELSCP PPGGGPMGPT VWVKDGTGLV PSERVLVGPQ RLQVLNASHE DSGAYSCRQR LTQRVLCHFS VRVTDAPSSG DDEGDEAE DTGVDTGAPY WTRPERMDKK LLAVPAANTV RFRCPAAGNP TPSISWLKNG REFRGEHRIG GIKLRHQQWS LVMESVVPSD RGNVTCVVEN KFGSIRQTYT LDVLERSPHR PILQAGLPAN QTAVLGSDVE FHCKVYSDAQ PHIQWLKHVE VNGSKVGPDP TPYVTVLKTA GANTTDKELE VLSLHNVTFE DAGEYTCLAG NSIGFSHSA WLVLPAEEEE LVEADEAGSV YAGIEGRMDP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LQSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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