

Recombinant Human FGFR1 Protein

Catalog #	Source	Reactivity	Applications
CRP1561	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human FGFR1 Protein is produced by our Mammalian expression system and the target gene encoding Ala25-Pro378 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	FGFR1		
Alternative Names	FGFR5; FHFR; Fibroblast growth factor receptor-like 1; FGF receptor-like protein 1; FGF homologous factor receptor; FGFR-like protein; Fibroblast growth factor receptor 5; FGFR-5		
Entrez Gene	53834 (Human)		
SwissProt	Q8N441 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	ARGPPKMADK VVPRQVARLG RTVRLQCPVE GDPPPLTMWT KDGRTHSGW SRFRLVLPQGL KVKQVEREDA GVVYCKATNG FGSLSVNYTL VVLDISPQK ESLGPDSSSG GQEDPASQQW ARPRFTQPSK MRRRVIARPV GSSVRLKQVA SGHPRPDITW MKDDQALTRP EAAEPRKKKW TSLKLNLRPE DSGKYTCRVS NRAGAINATY KVDVIQRTRS KPVLGTGHPV NTTVDFGGTT SFQCKVRSRV KPVQWLKRV EYGAEGRHNS TIDVGGQKQV VLPTGDVWSR PDGSYLNKLL ITRARQDDAG MYICLGANTM GYSFRSAFLT VLPDPKPPGP PVASSSSATS LPWPVDHHHH HH		
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 recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		

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

lyophilized protein in 1X PBS. 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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