

Recombinant Human CFHR1 Protein

Catalog #	Source	Reactivity	Applications
CRP1294	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CFHR1 Protein is produced by our Mammalian expression system and the target gene encoding Glu19-Arg330 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	CFHR1		
Alternative Names	CFHL; CFHL1; CFHL1P; CFHR1P; FHR1; HFL1; HFL2; Complement factor H-related protein 1; FHR-1; H factor-like protein 1; H-factor-like 1; H36		
Entrez Gene	3078 (Human)		
SwissProt	Q03591 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	EATFCDFPKI NHGILYDEEK YKPFQVPTG EVFYYSCEYN FVSPSKSFWT RITCTEEGWS PTPKCLRLCF PPFVENGHSE SSGQTHLEGD TVQIICNTGY RLQNNENNIS CVERGWSTPP KCRSTDTSVCV NPPTVQNAHI LSRQMSKYPS GERVRYECSR PYEMFGDEEV MCLNGNWTEP PQCKDSTGKC GPPPPIDNGD ITSFPLSVYA PASSVEYQCQ NLYQLEGNKR ITCRNGQWSE PPKCLHPCVI SREIMENYNI ALRWTAQKQL YLRTGESAEF VCKRGYRLSS RSHTLRITTCW DGKLEYPTCA KRVDHHHHHH		
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 lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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

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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