

Recombinant Human CFHR5 Protein

Catalog #	Source	Reactivity	Applications
CRP1296	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CFHR5 Protein is produced by our mammalian expression system and the target gene encoding Glu19-Glu569 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 CFHR5

Alternative Names CFHL5; FHR5; Complement factor H-related protein 5; FHR-5

Entrez Gene 81494 (Human)

SwissProt Q9BXR6 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure EGTLCDFPKI HHGFLYDEED YNPFSQVPTG EVFYYSCEYN FVSPSKSFWT RITCTEEGWS
 PTPKCLRMCS PPFVKNGHSE SSGLIHLEGD TVQIICNTGY SLQNNEKNIS CVERGWSTPP
 ICSFTKGECH VPILEANVDA QPKKESYKVG DVLKFCRKN LIRVGSDSVQ CYQFGWSPNF
 PTCKGQVRSC GPPPQLSNGE VKEIRKEEYG HNEVVEYDCN PNFIINGPKK IQCVDGEWTT
 LPTCVEQVKT CGYIPELEYG YVQPSVPPYQ HGVSVEVNCR NEYAMIGNNM ITCINGIWTE
 LPMC VATHQL KRCKIAGVNI KTLKLSGKE FNHNSRIRYR CSDIFRYRHS VCINGKWNPE
 VDCTEKREQF CPPPPQIPNA QNMTTTVNYQ DGEKVAVLCK ENYLLPEAKE IVCKDGRWQS
 LPRCVESTAY CGPPPSINNG DTTSFPLSVY PPGSTVTYRC QSFYKLQGSV TVTCRNKQWS
 EPPRCLDPCV VSEENMNKNN IQLKWRNDGK LYAKTGDAVE FQCKFPHKAM ISSPPFRAIC
 QEGKFEYPIC EVDHHHHHH

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 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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