

## Recombinant Human CFHR4 Protein

Catalog #	Source	Reactivity	Applications
CRP2673	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human CFHR4 Protein is produced by mammalian expression system and the target gene encoding Glu20-Glu578 is expressed with a 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Gene Symbol** CFHR4

**Alternative Names** CFHL4; FHR4; Complement factor H-related protein 4; FHR-4

**Entrez Gene** 10877 (Human)

**SwissProt** Q92496 (Human)

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

**Chemical Structure** EVKPCDFPEI QHGGLYKSL RRLYPAAAG QSYSYCDQN FVTPSGSYWD YIHCTQDGWS  
PTVPCLRTCS KSDVEIENGF ISESSIIYL NEETQYNCKP GYATAEGNSS GSITCLQNGW  
STQPICIKFC DMPVFENSRA KSNMWFKLH DTLDYECYDG YESSYGNTTD SIVCGEDGWS  
HLPTCYNSS E NCGPPPPISN GDTTSPQKV YLPWSRVEYQ CQSYELQGS KYVTCSNGDW  
SEPPRCISMK PCEFPEIQHG HLYYENTRRP YFPVATGQSY SYYCDQNFVT PSGSYWDYIH  
CTQDGWLPTV PCLRTCSKSD IEIENGFISE SSSIYILNKE IQYKCKPGYA TADGNSSGSI  
TCLQNGWSAQ PICIKFCDMP VFENSRAKSN GMRFKLHDTL DYECYDGYEI SYGNTTGSIV  
CGEDGWSHFP TCYNSSSEKCG PPPPISNGDT TSFLLKVYVP QSRVEYQCQS YYELQGSNYV  
TCSNGEWSEP PRCIHPCIT EENMNKNNIQ LKGKSDIKYY AKTGDTIEFM CKLGYNANTS  
VLSFQAVCRE GIVEYPRCEH HHHHH

**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 ddH<sub>2</sub>O. 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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