

Recombinant Human CFH Protein

Catalog #	Source	Reactivity	Applications
CRP1293	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CFH Protein is produced by our mammalian expression system and the target gene encoding Glu19-Leu449 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of PBS, 20% Glycerol, 5% Trehalose, pH 7.4.		
Gene Symbol	CFH		
Alternative Names	HF; HF1; HF2; Complement factor H; H factor 1		
Entrez Gene	3075 (Human)		
SwissProt	P08603 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>EDCNELPPRR NTEILTGSWS DQTYPEGTQA IYKCRPGYRS LGNVIMVCRK GEWVALNPLR KCQKRPCGHP GDTPFGTFTL TGGNVFEYGV KAVYTCNEGY QLLGEINYRE CDTDGWTNDI PICEVVKCLP VTAPENKIV SSAMEPDREY HFGQAVRFVC NSGYKIEGDE EMHCSDDGFW SKEKPKCVEI SCKSPDVING SPISQKIIYK ENERFQYKCN MGYEYSERGD AVCTESGWRP LPSCEEKSCD NPYIPNGDYS PLRIKHRTGD EITYQCRNGF YPATRGNTAK CTSTGWIPAP RCTLKPCDYP DIKHGGLYHE NMRRPYFPVA VGKYYSYCD EHFETPSGSY WDHIIHCTQDG WSPAVPCLRK CYFPYLENGY NQNYGRKFVQ GKSIDVACHP GYALPKAQT VTCMENGWSP TPRCIRVSFT LVDHHHHHH</p>		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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

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