

Recombinant Human CFH protein, His-tagged

Cat. No. CFH-574H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFH protein(P08603)(19-449aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	19-449a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

EDCNELPPRRNTEILTGSWSDQTYPEGTQAIYKCRPGYRSLGNVIMVCRKGEWVAL
 NPLRKCQKRPCGHPGDTFPGTFTLTGGNVFEYGVKAVYTCNEGYQLLGEINYRECD
 TDGWTNDIPICEVVKCLPVTAPENGKIVSSAMEPDREYHFGQAVRFVCNSGYKIEGD
 EEMHCSDDGFWSKEKPKCVEISCKSPDVINGSPISQKIIYKENERFQYKCNMGYEYS
 ERGDAVCTESGWRPLPSCEEKSCDNPIYPNGDYSPLRIKHRTGDEITYQCRNGFYF
 ATRGNTAKCTSTGWIPAPRCTLKPCDYPDIKHGGLYHENMRRPYFPVAVGKYYSY
 CDEHFETPSGSYWDHIHCTQDGWSPAVPCLRKCYFPYLENGYNQNYGRKFVQ GK
 SIDVACHPGYALPKAQTTVTMENGWSPTPRCIRVKTCS

GENE INFORMATION

Gene Name

CFH complement factor H [Homo sapiens]

Official Symbol

CFH

Synonyms

CFH; complement factor H; H factor 1 (complement) , HF, HF1, HF2; age related maculopathy susceptibility 1; ARMS1; beta 1H; FHL1; H factor 2 (complement); HUS; beta-1H; factor H; factor H-like 1; beta-1-H-globulin; H factor 1 (complement); adrenomedullin binding protein; complement factor H, isoform b; age-related maculopathy susceptibility 1; FH; HF; HF1; HF2; AHUS1; AMBP1; ARMD4; CFHL3; MGC88246;

Gene ID

3075

mRNA Refseq

NM_000186

Protein Refseq

NP_000177

MIM

134370

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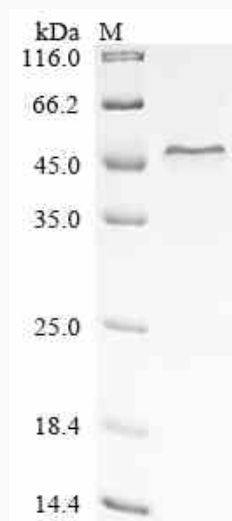
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UniProt ID

P08603

SDS-PAGE

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