

Complement Factor H (CFH) Recombinant Protein | CFH recombinant protein

Recombinant Complement Factor H (CFH)

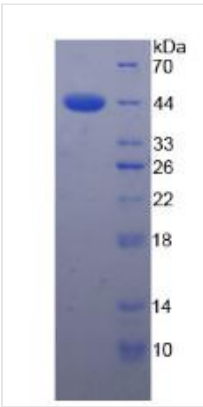
CATALOG # AAA134507	HOST E. coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Complement Factor H (CFH); Recombinant Complement Factor H (CFH); CFH recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	>95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for CFH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser860~Arg1231
Tags	N-terminal His-Tag
Tissue Specificity	Liver
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.1
Predicted Molecular Mass	43.0kDa
Accurate Molecular Mass	46kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



S	IPLCVEKIPC	SQPPQIEHGT	INSSRSSQES	YAHGTKLSYT
CEGGFRISSE	NETTCYMGKW	SSPPQCEGLP	CKSPPEISHG	VVAHMSDSYQ
YGEEVTKCF	EGFGIDGPAI	AKCLGEKWSH	PPSCIKTDCL	SLPSFENAIP
MGEKKDVYKA	GEQVTYTCAT	YYKMDGASNV	TCINSRWTGR	PTCRDTSCVN
PPTVQNAYIV	SRQMSKYPSG	ERVRYQCRSP	YEMFGDEEVM	CLNGNNTPEP
QCKDSTGKCG	PPPPIDNGDI	TSFPLSVYAP	ASSVEYQCQN	LYQLEGNKRI
TCRNGQWSEP	PKCLHPCVIS	REIMENYNIA	LRWTAKQKLY	SRTGESVEFV
CKRGYRLSSR	SHTLRITCWD	GKLEYPTCAK	R	

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739186
NCBI GeneID	3075
NCBI Accession #	NP_000177.2
NCBI GenBank Nucleotide #	NM_000186.3
UniProt Accession #	P08603; P78435; Q14570; Q2TAZ5; Q38G77; Q5TFM3; Q8N708; Q9NU86; A5PL14
NCBI Official Full Name	complement factor H isoform a
NCBI Official Synonym Full Names	complement factor H
NCBI Official Symbol	CFH
NCBI Official Synonym Symbols	FH; HF; HF1; HF2; HUS; FHL1; AHUS1; AMBP1; ARMD4; ARMS1; CFHL3
NCBI Protein Information	complement factor H; beta-1H; factor H-like 1; beta-1-H-globulin; H factor 1 (complement); H factor 2 (complement); adrenomedullin binding protein; complement factor H, isoform b; age-related maculopathy susceptibility 1
UniProt Protein Name	Complement factor H
UniProt Gene Name	CFH
UniProt Synonym Gene Names	HF; HF1; HF2
UniProt Entry Name	CFAH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.