

Complement Factor I (CFI) Recombinant Protein | CFI recombinant protein

Recombinant Complement Factor I (CFI)

CATALOG # AAA134241	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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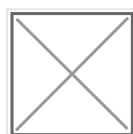
PRODUCT SYNONYMS

Complement Factor I (CFI); Recombinant Complement Factor I (CFI); CFI recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH 8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin 300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	IVGGKRAQLG DLPWQVAIKD ASGITCGGIY IGGCWILTAA HCLRASKTHR YQIWTTVVDW IHPDLKRIV EYVDRIIFHE NYNAGTYQND IALIEKKDG NKKDCELP RS IPACVPWSPY LFQPNDCIV SGWGREKDNE RVFSLQWGEV KLISNCSKFY GNRFYEKEME CAGTYDGSID ACKGDSGGPL VCMDANNVTY VWGVVSWGEN CGKPEFPGVY TKVANYFDWI SYHVGRPFIS QYNV
Applicable Applications for CFI recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Ile340~Val583
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392081
NCBI GeneID	3426
NCBI Accession #	NP_000195.2
NCBI GenBank Nucleotide #	NM_000204.3
UniProt Accession #	P05156; O60442
Molecular Weight	Predicted Molecular Mass: 28.8kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	complement factor I preproprotein
NCBI Official Synonym Full Names	complement factor I
NCBI Official Symbol	CFI
NCBI Official Synonym Symbols	FI; IF; KAF; AHUS3; ARMD13; C3BINA; C3b-INA
NCBI Protein Information	complement factor I; C3b-inactivator; C3B/C4B inactivator; complement component I; light chain of factor I; Konglutinogen-activating factor; complement factor I heavy chain; complement control protein factor I
UniProt Protein Name	Complement factor I
UniProt Gene Name	CFI
UniProt Synonym Gene Names	IF
UniProt Entry Name	CFAI_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.

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Online datasheet: <https://stage.aaabiotech.com/cfi-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134241>