

Complement Factor D (CFD) Recombinant Protein | CFD recombinant protein

Recombinant Complement Factor D (CFD)

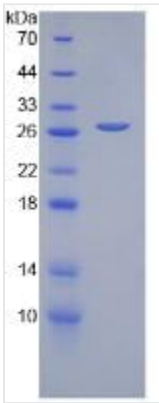
CATALOG # AAA134597	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Complement Factor D (CFD); Recombinant Complement Factor D (CFD); CFD recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for CFD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Ala263
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
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 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



MHSSVYLVAL VVLEAAVCVA QPRGRILGGQ EAMAHARPYM ASVQVNGTHV
CGGTLVDEQN VLSAAHCMDG VTKDEVVQVL LGAHSLSSPE PYKHLVDVQS
VVLHPGSRPD SVEDDLMLFK LSHNASLGPH VRPLPLQRED REVKPGTLCD
VAGWGVVTHA GRRPDVLQQL TVSIMDRNTC NLRTYHDGAI TKNMMCAESN
RRDTCRGDSG GPLVCGDAVE AVVTWGSRVC GNRRKPGVFT RVATYVPWIE
NVLSGNVSVN VTA

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	117647198
NCBI GeneID	54249
NCBI Accession #	NP_001071110.1
NCBI GenBank Nucleotide #	NM_001077642.1
UniProt Accession #	P32038
Molecular Weight	Predicted Molecular Mass: 30.0kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	complement factor D
NCBI Official Synonym Full Names	complement factor D (adipsin)
NCBI Official Symbol	Cfd
NCBI Official Synonym Symbols	Df; Adn; EVE
NCBI Protein Information	complement factor D; adipsin; properdin factor D; C3 convertase activator; endogenous vascular elastase; D component of complement (adipsin)
UniProt Protein Name	Complement factor D
UniProt Gene Name	Cfd
UniProt Synonym Gene Names	Adn; Df
UniProt Entry Name	CFAD_RAT

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.