

Complement factor D/CFD Recombinant Protein | CFD recombinant protein

Recombinant Human Complement factor D/CFD Protein

CATALOG # AAA282481	HOST HEK293 cells
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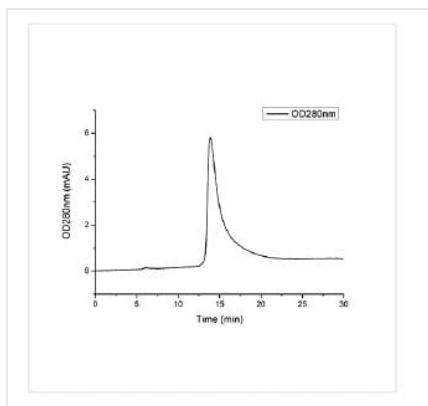
PRODUCT SYNONYMS

Complement factor D/CFD; Recombinant Human Complement factor D/CFD Protein; CFD; ADIPSIN; ADN; DF; PFD; CFD recombinant protein

PRODUCT SPECIFICATIONS

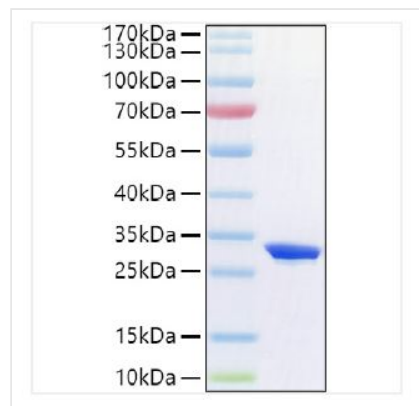
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzoyloxy-Lys-ThioBenzyl ester (Z-Lys-SBzl), in the presence of 5, 5'Dithio-bis (2-nitrobenzoic acid)(DTNB). The specific activity is >452.49 pmol/min/ug.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

The purity of Human CFD/Adipsin/PFD Protein (#AAA282481) was greater than 95% as determined by SEC-HPLC.



SDS-PAGE

Active Recombinant Human Complement factor D/CFD Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 33kDa.

ADDITIONAL INFORMATION

Related Product Information for CFD recombinant protein	Active Recombinant Human Complement factor D/CFD Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile26-Ala253) of human CFD/Adipsin/PFD (Accession #NP_001919.2.) fused with a 6xHis tag at the C-terminus.
Product Categories/Family for CFD recombinant protein	Biosimilar Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544239
NCBI GeneID	1675
NCBI Accession #	NP_001919.2
NCBI GenBank Nucleotide #	NM_001928.2
UniProt Accession #	P00746; Q5U5S1; Q86VJ5; Q8N4E0; Q8WZB4; B4DV76
Molecular Weight	27,033 Da
NCBI Official Full Name	complement factor D preproprotein
NCBI Official Synonym Full Names	complement factor D (adipsin)
NCBI Official Symbol	CFD
NCBI Official Synonym Symbols	DF; ADN; PFD; ADIPSIN
NCBI Protein Information	complement factor D; properdin factor D; C3 convertase activator; complement factor D preproprotein; D component of complement (adipsin)
UniProt Protein Name	Complement factor D
UniProt Gene Name	CFD
UniProt Synonym Gene Names	DF; PFD
UniProt Entry Name	CFAD_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://www.aaabiotech.com/cfd-recombinant-protein-hek293-cells/282481>