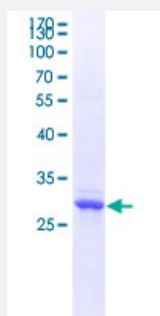


CFD (Human) Recombinant Protein

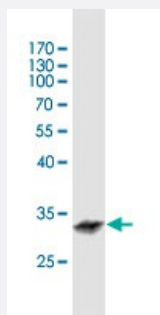
Catalog # H00001675-H01

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified CFD (NP_001919.2 26 a.a. - 253 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	ILGGREAEAHARPYMASVQLNGAHLCCGGVLVAEQWVLSAAHCLEDAADGKVQVLLGAHSLSQP EPSKRLYDVLRAVPHPDSPQPTIDHDLQLLQLSEKATLGPAVRPLPWQRVDRDVAPGTLCDVAG WGMVNHAGRRPDSLQHVLLPVLDRATCNRRTHHDGAITERLMCAESNRRDSCKGDSGGPLVCG GVLEGVVTSGSRVCGNRKKPGMYTRVASAAWIDSVLA
Host	Human
Theoretical MW (kDa)	28.16
Form	Liquid

Preparation Method	Transfection of pSuper-CFD plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	>= 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — CFD

Entrez GeneID	1675
GeneBank Accession#	NM_001928.2
Protein Accession#	NP_001919.2
Gene Name	CFD
Gene Alias	ADIPSIN, ADN, DF, PFD
Gene Description	complement factor D (adipsin)
Omim ID	134350
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the trypsin family of peptidases. The encoded protein is a component of the alternative complement pathway best known for its role in humoral suppression of infectious agents. This protein is also a serine protease that is secreted by adipocytes into the bloodstream. Finally, the encoded protein has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology. [provided by RefSeq]

Other Designations

C3 convertase activator|D component of complement (adipsin)|complement factor D|complement factor D preproprotein|properdin factor D

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)