

Recombinant Human CFD protein(Ile26-Ala253), His-tagged

Cat. No. CFD-1083H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFD (P00746) (Ile 26-Ala 253) was expressed in HEK293, fused with a C-terminal polyhistidine tag and a signal peptide at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Ile26-Ala253
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human CFD consists of 239 amino acids and predicts a molecular mass of 25.8 kDa. As a result of glycosylation, rh CFD migrates as an approximately 33 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CFD complement factor D (adipsin) [Homo sapiens]

Official Symbol CFD

Synonyms CFD; complement factor D (adipsin); D component of complement (adipsin) , DF, PFD, properdin factor D; complement factor D; ADN; properdin factor D; C3 convertase activator; complement factor D preproprotein; D component of complement (adipsin); DF; PFD; ADIPSIN;

Gene ID 1675

mRNA Refseq NM_001928

Protein Refseq NP_001919

MIM 134350

UniProt ID P00746

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