

Active Recombinant Human CFD protein, His-tagged, Low Endotoxin

Cat. No. CFD-1106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFD protein(P00746-1)(Ile26-Ala253), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-253 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Complement Factor D, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-Complement Factor D Antibody, hFc Tag with the EC50 of 18.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 25.5 kDa. Due to glycosylation, the protein migrates to 26-27 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

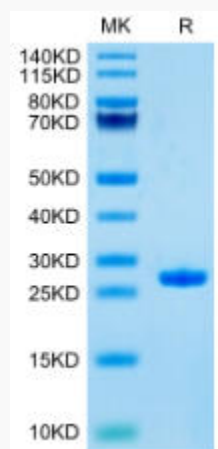
UniProt ID [P00746](#)

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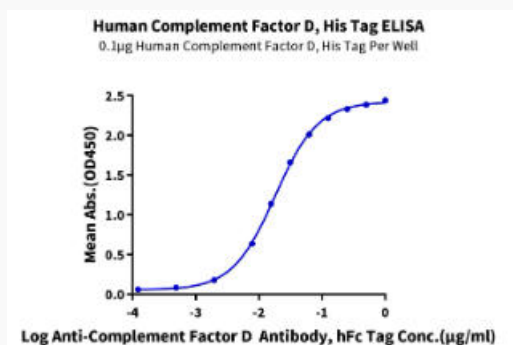
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Bis-Tris PAGE



ELISA Data



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