

Recombinant Mouse Cfd protein, His-tagged

Cat. No. Cfd-4040M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cfd protein(P03953-2)(Met1-Ser258), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-258 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse CFD consists of 249 amino acids and has a predicted molecular mass of 27.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CFD is approximately 40-45 kDa due to glycosylation.
Proteinlength	Met1-Ser258
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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 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) [*Mus musculus*]

Official Symbol Cfd

Synonyms

CFD; complement factor D (adipsin); complement factor D; adipsin; properdin factor D; C3 convertase activator; 28 kDa adipocyte protein; D component (adipsin) of complement; DF; Adn;

Gene ID 11537

mRNA Refseq NM_013459

Protein Refseq NP_038487

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