

PRODUCT INFORMATION

CFD Target

Synonyms ADIPSIN; ADN; DF; PFD

Recombinant Human CFD Protein with C-terminal Description

human Fc tag

Delivery In Stock **Uniprot ID** P00746 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

CFD(Ile26-Ala253) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

50.5 kDa after removal of the signal peptide. The apparent molecular mass of CFD-hFc is **Molecular Weight**

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the S1, or chymotrypsin, family of serine peptidases. This protease catalyzes the cleavage of factor B, the rate-limiting step of the alternative pathway of

complement activation. This protein also functions as an adipokine, a cell signaling protein secreted by adipocytes, which regulates insulin secretion in mice. Mutations in this gene underlie

complement factor D deficiency, which is associated with recurrent bacterial meningitis infections in human patients. Alternative splicing of this gene results in multiple transcript variants.

At least one of these variants encodes a preproprotein that is proteolytically processed to

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generate the mature protease. [provided by RefSeq, Nov 2015]

Usage Research use only

Conjugate Unconjugated





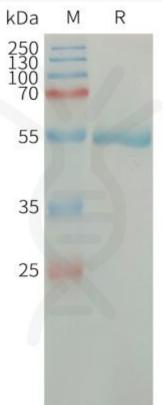


Figure 1.Human CFD Protein, hFc Tag on SDS-PAGE under reducing condition.



