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32-18294: Human CFD Protein, hFc Tag

Uniprot ID : P00746
Alternative Name : ADIPSIN;ADN;DF;PFD

Description

Description : Recombinant Human CFD Protein with C-terminal human Fc tag
Background : 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 generate the mature protease.
Molecular Characterization: mass of 50.5 kDa after removal of the signal peptide. The apparent molecular mass of CFD-hFc is approximately 55-70 kDa due to glycosylation.
Tag :C-Human Fc Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

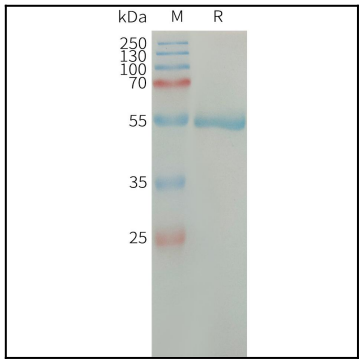

Figure 1.Human CFD Protein, hFc Tag on SDS-PAGE under reducing condition.