

HUMAN CFD PROTEIN, HFC TAG

货号: 11970

产品全名: 人 CFD 蛋白

规格: 10/50/100 µg

基因符号 ADIPSIN;ADN;DF;PFD

目标蛋白: CFD

UNIPROT ID: P00746

描述: Recombinant Human CFD Protein with C-terminal human Fc tag

背景: 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. [provided by RefSeq, Nov 2015]

物种/宿主: HEK293

分子量: 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 approximately 55–70 kDa due to glycosylation.

分子特征: CFD(Ile26-Ala253) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.