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CFD, 26-253aa, Human, His tag, E.coli

产品货号: TP01592

第三版

别名: Complement factor D, DF, AND, PFD, ADIPSIN

描述: CFD, also known as adipsin, is involved in the alternative complement pathway of the complement system where it cleaves factor B. This protein is a member of the trypsin family of peptidases. It is a component of the alternative complement pathway best known for its role in humoral suppression of infectious agents. It is also a serine protease that is secreted by adipocytes into the bloodstream. Finally, it has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology. Recombinant human CFD protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量: 26.6 kDa (249aa)

序列:

MGSSHHHHHSSGLVPRGSHMILGGREAEAHARPYMASVQLNGAHLCCGGVLVAEQWVLSAAHCLEDAADGKVQVLL
GAHLSQPEPSKRLYDVLRAVPHPSQPDTIDHLLLLQLSEKATLGPVVRPLPWQRVDRDVAPGTLCDVAGWGIVNHA
GRRPDSLQHVLLPVLDRATCNRRTTHHDGAITERLMCAESNRDRSCKGDSGGPLVCGGVLEGVVTSGSRVCGNRKKPGIY
TRVASAAWIDSVLA

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.