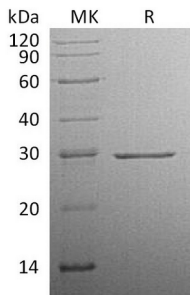
产品名称：Recombinant Human CFD (C-10His)
产品货号：PHH0438

概述（Summary）

英文全称	Complement Factor D/Adipsin
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Complement Factor D is produced by our Mammalian expression system and the target gene encoding Ile26-Ala253 is expressed with a 10His tag at the C-terminus.
Accession #	P00746
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	25.8 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 2mM CaCl2, 5% Trehalose, 50% Glycerol, pH 8.5.
运输方式（Shipping）	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	

电泳图（SDS-PAGE image）



背景（Background）

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分子别名（Alternative Names）	Complement factor D; CFD; Adipsin; C3 convertase activator; Properdin factor D; DF; PFD
背景介绍（References）	Complement factor D, also known as adipsin, is a member of the chymotrypsin family of serine proteases, which plays an essential role in host defense as the rate-limiting enzyme in the alternative pathway of complement activation. Complement factor D activates a convertase (C3bBb) responsible for cleavage of the complement protein C3, which leads to the activation of terminal complement component C5-9 to form the membrane attack complex on microbial or cellular surfaces. It also functions in the regulation of systemic energy balance and physiologic and pathologic processes, including immunity and inflammation.

注意事项（Note）

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