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Datasheet for ABIN7318328

Complement Factor B Protein (CFB) (His tag)

Overview

Quantity:	50 µg
Target:	Complement Factor B (CFB)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Complement Factor B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Complement Factor B/CFB Protein (His Tag)
Sequence:	Thr 26-Leu764
Characteristics:	Recombinant Human Complement Factor B is produced by our Mammalian expression system and the target gene encoding Thr26-Leu764 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Complement Factor B (CFB)
Alternative Name:	Complement Factor B/CFB (CFB Products)
Background:	Background: Complement Factor B (CFB) belongs to the peptidase S1 family of enzymes. It is expressed by hepatocytes and macrophages and localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. CFB which is a component of the alternate

Target Details

pathway of the complement system is cleaved by factor D into 2 fragments: Ba and Bb. Bb. The active subunit Bb is a serine protease which associates with C3b to form the alternative pathway C3 convertase. Bb is involved in the proliferation of preactivated B lymphocytes, while Ba inhibits their proliferation.

Synonym: Complement Factor B, C3/C5 Convertase, Glycine-Rich Beta Glycoprotein, GBG, PBF2, Properdin Factor B, CFB, BF, BFD

Molecular Weight: 84.1 kDa

UniProt: [P00751](#)

Pathways: [Complement System](#), [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.