

Datasheet for ABIN934807

Complement Factor B Protein (CFB)[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	Complement Factor B (CFB)
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

Product Details

Characteristics:	Purified native Human Complement Factor B Bioactivity: 4, 700 U/mg - 100 % of factor B activity in NHS on a mg/mg basis Protein Source: Human serum/plasma
Purity:	> 98 % pure

Target Details

Target:	Complement Factor B (CFB)
Alternative Name:	Complement Factor B (CFB Products)
Background:	Complement factor B is a glycosylated protein composed of a single 93,000 Da polypeptide chain. It is an essential component of the alternative pathway of complement activation and is found in plasma at approximately 200 µg/mL. In the presence of Mg ⁺⁺ factor B binds to C3b and the C3b,B complex can be activated by factor D, a serine protease that circulates as an active trypsin-like serine protease. Description: Human serum/plasma.

Target Details

	Alternative Names: Recombinant CFB
Molecular Weight:	93 kDa
Pathways:	Complement System , Proton Transport , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Supplied as a liquid in PBS, pH 7.2, no preservatives added,
Preservative:	Without preservative
Precaution of Use:	Donor samples were tested and found to be negative for HBsAg, HTLV-I/II, STS, and for antibodies to HCV, HIV-1 and HIV-II. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-80 °C
Storage Comment:	Aliquot and store at -70 °C or lower.