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Datasheet for ABIN622147 Complement C3b Protein

Overview

Quantity:	0.1 mg
Target:	Complement C3b (C3b)
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Native Human C3b
Purification:	Purified C3b from human serum
Purity:	> 90 %. By SDS-PAGE

Target Details

Target:	Complement C3b (C3b)
Alternative Name:	C3b (C3b Products)
Background:	Cleavage of the C3-alpha chain at peptide bond 77 results in production of C3a and C3b fragments. The C3b fragment is a glycoprotein composed of the modified C3-alpha chain and the intact C3-beta chain. Nascent C3b has the transient ability to form a covalent ester bond with a variety of target surfaces. Once bound to target surfaces C3b becomes an essential subunit of both the classical and alternative pathway C5 cleaving enzymes.
Molecular Weight:	180 kDa
Pathways:	Complement System , Regulation of Leukocyte Mediated Immunity , Positive Regulation of

Target Details

Immune Effector Process, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/ml
Buffer:	Phosphate buffered saline, pH 7.2
Storage:	-20 °C