

[Go to Product page](#)

## 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 ( <a href="#">C3b Products</a> )
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:	<a href="#">Complement System</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of</a>

## 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