

BA150**Native Human Complement 3b (C3b) -Purified****Alternate names:**

C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, CPAMD1, Complement component 3

Quantity:

0.1 mg

Concentration:

1.0 mg/ml

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.

Uniprot ID:

[P01024](#)

NCBI:

[NP_000055](#)

GeneID:

[718](#)

Species:

Human

Source:

Serum

Format:

State: Liquid purified Antigen
Purity: >90% by SDS-PAGE
Buffer System: PBS, pH 7.2
Preservatives: None
Stabilizers: None

Applications:

ELISA.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

Purified complement component 3b (C3b) from Human serum.
Disease status: Source serum was tested negative for HBsAg and for antibodies to HIV and HCV.
Molecular weight: 180 kDa

Storage:

Store (aliquotted) at -20°C.
Avoid repeated freezing and thawing.
Shelf life: One year from despatch.