

Complement C5b, 6 complex ag Active Protein

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CATALOG # AAA75367	HOST Human Serum	REACTIVITY Human
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PRODUCT SYNONYMS

Complement C5b; 6 complex ag; 6 complex protein; Anaphylatoxin C5b protein; C5 protein; Complement C5 protein; Complement C5b protein; Complement C5 precursor protein; Complement component 5 protein; CPAMD4 protein; C5b6 protein; 6 complex ag active protein

PRODUCT SPECIFICATIONS

Host	Human Serum
Reactivity	Human
Purity/Purification	>=98% by SDS-PAGE
Form/Format	Supplied as a frozen liquid in 10 mM HEPES and 120 mM NaCl, pH 7.2 with no preservative.
Concentration	0.23mg/ml (varies by lot)
Protein Type	Native
Biological Significance	Complement C5b, 6 complex, is a product of complement activation of C5 and an intermediate in the formation of the C5b-9 membrane attack complex (MAC) of complement. Each pathway of complement generates proteolytic enzyme complexes (C3/C5 convertases) which are bound to the target surface. These enzymes cleave a peptide bond in the larger alpha chain of C5 releasing the highly potent anaphylatoxin C5a (74 amino acids) and activating C5b. This is the only proteolytic step in the assembly of the C5b-9 complex.
Biohazard Information	This protein is purified from human plasma, therefore precautions appropriate for handling any blood-derived product must be use.
Biohazard	Human serum/plasma starting metrial tested negative for anti-HIV-1/2 antibodies, anti-HCV antibodies, HBsAg, HTLV-1/2 and STS. No test can guarantee the absence of infection, please handle as though hazardous.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Fuctional activity	24,000 Units/mg
Preparation and Storage	Ships on Dry ice. Store at -70 degree C or below. To use: Thaw product at 37 degree C and Mix Well. Avoid repeat freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Complement C5b, 6 complex ag active protein	Purified native Complement C5b, 6 complex protein
Product Categories/Family for Complement C5b, 6 complex ag active protein	Immunology ; Native Protein ; Complements

NCBI AND UNIPROT INFORMATION

Molecular Weight	285kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-serum-human-active-protein/complement-c5b-6-complex-ag/75367>