

Active Native Human C5b,6 Complex Protein

Cat. No. C5b6-1537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human C5b,6 Complex Protein was purified from normal human serum.
Species	Human
Source	Human Serum
Description	C5b,6 is a product of complement activation of C5 and an intermediate in the formation of the C5b-9 membrane attack complex (MAC) of complement.
Form	Frozen liquid
Bio-activity	>10,000 Units/mg for lysis of sheep erythrocytes.
Molecular Mass	285,000 Da (3 chains). C5b,6 is composed of two disulfide linked chains from C5b (105,000 and 75,000) and one unlinked chain from C6 (105,000).
Purity	>90% by SDS-PAGE
Unit Definition	One unit of lytic activity is defined as the amount of C5b,6 complex required to yield 50% lysis of 1.5×10^7 sheep erythrocytes when incubated for 30 minutes at 37 centigrade in a total reaction volume of 75 μ GVBE (10 mM EDTA) containing 500 ng C7, 500 ng C8, and 1000 ng C9.
Storage	Store at -70 centigrade or below. Avoid freeze/thaw.

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Storage buffer 10 mM HEPES, 120 mM NaCl, pH 7.2

GENE INFORMATION

Official Symbol C5b,6 Complex

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