

Complement C1 Active Protein | LOC100135924 active protein

Complement C1 protein

CATALOG # AAA75237	HOST Human
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PRODUCT SYNONYMS

Complement C1; Complement C1 protein; C1 protein; LOC100135924 active protein

PRODUCT SPECIFICATIONS

Host	Human
Form/Format	0.2 um filtered frozen liquid in 50mM NaAcetate, 50mM EACA, 10mM Benzamidine, 10mM EDTA, 300mM NaCl and 40% Glycerol, pH 5.5, with no preservatives added.
Sequence Length	109
Source Note	Human serum/plasma
Protein Type	Native
Biological Significance	C1 is the first complement component in the cascade referred to as the classical pathway of complement. C1 binds to and is activated by antibodies bound to antigens (immune complexes) yielding a protease that initiates the cascade. C1 is actually a non-covalent complex of three different proteins (C1q, C1r and C1s) bound together in a calcium-dependent complex.
Bioactivity	>250,000 C1H50 units/mg total protein
Biohazard Information	Donor samples were tested and found to be negative for HBsAg, HTLV-I/II, STS, and for antibodies to HCV, HIV-1 and HIV-II. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Aliquot and store at -70 degree C or lower. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LOC100135924 active protein	Purified Complement C1 protein isolated from human plasma
Product Categories/Family for LOC100135924 active protein	Immunology ; Native Protein ; Complements

NCBI AND UNIPROT INFORMATION

NCBI GI #	186288115
NCBI GeneID	100135924
NCBI Accession #	NP_001117756.1
NCBI GenBank Nucleotide #	NM_001124284.1
Molecular Weight	766 kDa
NCBI Official Full Name	complement C1 inhibitor
NCBI Official Symbol	LOC100135924

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-active-protein/complement-c1/75237>