

Recombinant Human C1QA Protein, His-tagged

Cat. No. C1QA-925H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C1QA fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	25.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	C1QA complement component 1, q subcomponent, A chain [Homo sapiens]
Official Symbol	C1QA

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Synonyms	C1QA; complement component 1, q subcomponent, A chain; complement component 1, q subcomponent, alpha polypeptide; complement C1q subcomponent subunit A; complement component C1q, A chain;
Gene ID	712
mRNA Refseq	NM_015991
Protein Refseq	NP_057075
MIM	120550
UniProt ID	P02745

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