

Native Human C1QA

Cat. No. C1QA-26126TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length native Human C1q from pooled normal Human serum, MWt 410kDa.
Species	Human
Source	Human Serum
Description	This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the A-chain polypeptide of human complement subcomponent C1q.
Form	Lyophilised: Use of water to a volume equivalent to the original fill volume is recommended. Slight turbidity may result on reconstitution.
Molecular Mass	410kDa
Purity	by SDS-PAGE
Storage	Store at +4°C .
Storage Buffer	pH: 7.50 Constituents: 1.74% Sodium chloride, 0.29% Sodium EDTA

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Full Length

Full L.

GENE INFORMATION

Gene Name

C1QA complement component 1, q subcomponent, A chain [Homo sapiens]

Official Symbol

C1QA

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](#)
Chromosome Location

1p36.3-p34.1

Pathway

Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Classical antibody-mediated complement activation, organism-specific biosystem; Complement Activation, Classical Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades,

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conserved biosystem;

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