

## Recombinant Human C1QC, MYC/DDK-tagged

Cat. No. C1QC-8142H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human C1QC, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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. A deficiency in 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 C-chain polypeptide of human complement subcomponent C1q. Alternatively spliced transcript variants that encode the same protein have been found for this gene.</p>
<b>Molecular Mass</b>	22.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** C1QC complement component 1, q subcomponent, C chain [ Homo sapiens ]

**Official Symbol** C1QC

**Synonyms** C1QC; complement component 1, q subcomponent, C chain; C1QG, complement component 1, q subcomponent, gamma polypeptide; complement C1q subcomponent subunit C; AI385742; C1Q C; C1qc; C1QC\_HUMAN; C1QG; Complement C1q subcomponent subunit C; Complement component 1, q subcomponent, C chain; complement component 1, q subcomponent, gamma polypeptide; OTTHUMP00000002932; OTTHUMP00000002933; OTTHUMP00000037922; complement component 1, q subcomponent, gamma polypeptide; C1QG; C1Q-C

**Gene ID** 714

**mRNA Refseq** [NM\\_172369](#)

**Protein Refseq** [NP\\_758957](#)

**MIM** 120575

**UniProt ID** P02747

**Chromosome Location** 1p36.11

**Pathway** Chagas disease (American trypanosomiasis); Complement Activation, Classical Pathway; Creation of C4 and C2 activators

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