

Recombinant Human C1QC, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human C1QC, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. 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.
Molecular Mass	22.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	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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