

Recombinant Mouse C1qc Protein, MYC/DDK-tagged

Cat. No. C1qc-731M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse complement component 1, q subcomponent, C chain (C1qc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	26 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name C1qc complement component 1, q subcomponent, C chain [*Mus musculus* (house mouse)]

Official Symbol C1qc

Synonyms C1qc; complement component 1, q subcomponent, C chain; Adib; C1qg; Ciqc; AI385742; complement C1q subcomponent subunit C; adiponectin b; complement component 1, q subcomponent, c polypeptide; complement component 1, q subcomponent, gamma polypeptide

Gene ID 12262

mRNA Refseq NM_007574

Protein Refseq NP_031600

UniProt ID Q02105

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