

Product datasheet for **TP503092**

C1qc (NM_007574) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse complement component 1, q subcomponent, C chain (C1qc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203092 protein sequence Red =Cloning site Green =Tags(s)
	<p>MVVGPSQCQPPCGLCLLLLFLALPLRSQASAGCYGIPGMPGMPGAPGKDGHDGLQGPKGEPGIPAVPGTR GPKGQKGEPMGPHRGKNGPRGTSGLPGDPGPRGPPGEPGVEGRYKQKHQSVFTVTRQTTQYPEANALVR FNSVVTNPQGHYNPSTGKFTCEVPGLYFVYYTSHANLCVHLNLNLARVASFCDHMFNSKQVSSGGVLL RLQRGDEVWLSVNDYNGMVGIEGSNSVFSGFLLPD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	26 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031600
Locus ID:	12262
UniProt ID:	Q02105
RefSeq Size:	1063



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Cytogenetics: 4 69.05 cM

RefSeq ORF: 741

Synonyms: AI385742; C1qg; C1qc

Summary: 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. [UniProtKB/Swiss-Prot Function]