Recombinant Mouse C1qb Protein, MYC/DDK-tagged

Cat. No. C1qb-730M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse complement component 1, q subcomponent, beta polypeptide (C1qb), 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	26.7 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	C1qb complement component 1, q subcomponent, beta polypeptide [Mus musculus (house mouse)]
Official Symbol	C1qb
Synonyms	C1qb; complement component 1, q subcomponent, beta polypeptide; Adia; complement C1q subcomponent subunit B; adiponectin a
Gene ID	12260
mRNA Refseq	NM_009777
Protein Refseq	NP_033907
UniProt ID	P14106

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