Recombinant Mouse Clta Protein, MYC/DDK-tagged

Cat. No. Clta-903M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse clathrin, light polypeptide (Lca) (Clta), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. This gene encodes one of two clathrin light chain proteins which are believed to function as regulatory elements. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	27.5 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 g/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	Clta clathrin, light polypeptide (Lca) [Mus musculus (house mouse)]
Official Symbol	Clta
Synonyms	Clta; clathrin, light polypeptide (Lca); Lca; AV026556; clathrin light chain A; clathryn light chain (LCA2)
Gene ID	12757
mRNA Refseq	NM_001080385
Protein Refseq	NP_001073854
UniProt ID	B1AWD9

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