

Recombinant Mouse Dynl1 Protein, Myc/DDK-tagged

Cat. No. Dynl1-2698M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynein light chain LC8-type 1 (Dynl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in changing or maintaining the spatial distribution of cytoskeletal structures.
Molecular Mass	10.8 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 [Dynll1 dynein light chain LC8-type 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Dynll1](#)

Synonyms

DYNLL1; dynein light chain LC8-type 1; dynein light chain 1, cytoplasmic; mPIN; 8kD LC; 8kDa LC; 8 kDa dynein light chain; dynein, cytoplasmic, light chain 1; dynein, cytoplasmic, light peptide; protein inhibitor of nitric oxide synthase; protein inhibitor of neuronal nitric oxide synthase; Pin; Dlc8; Dnclcl1

Gene ID [56455](#)

mRNA Refseq [NM_019682](#)

Protein Refseq [NP_062656](#)

UniProt ID [P63168](#)

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