

Recombinant Mouse Dynlrb1 Protein, Myc/DDK-tagged

Cat. No. Dynlrb1-2700M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynein light chain roadblock-type 1 (Dynlrb1), 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.
Molecular Mass	11.4 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name [Dynlrb1 dynein light chain roadblock-type 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Dynlrb1](#)

Synonyms DYNLRB1; dynein light chain roadblock-type 1; dynein light chain 2A, cytoplasmic; dynein, cytoplasmic, light chain 2A; dynein, cytoplasmic, light polypeptide 2A; DNLC2A; Dncl2a; AV124457; 2010012N15Rik; 2010320M17Rik; 9430076K19Rik; MGC159313; MGC159351

Gene ID [67068](#)

mRNA Refseq [NM_025947](#)

Protein Refseq [NP_080223](#)

UniProt ID [P62627](#)

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