Recombinant Mouse Dync1li1 Protein, Myc/DDK-tagged

Cat. No. Dync1li1-2696M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynein cytoplasmic 1 light intermediate chain 1 (Dync1li1), 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 binding dynein to membranous organelles or chromosomes. Probably involved in the microtubule-dependent transport of pericentrin. Is required for progress through the spindle assembly checkpoint. The phosphorylated form appears to be involved in the selective removal of MAD1L1 and MAD1L2 but not BUB1B from kinetochores.
Molecular Mass	56.6 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.

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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.

GENE INFORMATION

Gene Name	Dync1li1 dynein cytoplasmic 1 light intermediate chain 1 [Mus musculus (house mouse)]
Official Symbol	Dync1li1
Synonyms	DYNC1LI1; dynein cytoplasmic 1 light intermediate chain 1; cytoplasmic dynein 1 light intermediate chain 1; DLC-A; dynein light chain A; dynein light intermediate chain 1, cytosolic; dynein, cytoplasmic, light intermediate chain 1; LIC-1; Dnclic1; 1110053F02Rik; MGC32416
Gene ID	235661
mRNA Refseq	NM_146229
Protein Refseq	NP_666341
UniProt ID	Q8R1Q8

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