

Recombinant Mouse Dynlt3 Protein, Myc/DDK-tagged

Cat. No. Dynlt3-2702M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynein light chain Tctex-type 3 (Dynlt3), 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. Probably binds BUB3 as part of transport cargo. Required for the efficient progression through mitosis.
Molecular Mass	13 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	Dynlt3 dynein light chain Tctex-type 3 [Mus musculus (house mouse)]
Official Symbol	Dynlt3
Synonyms	Dynlt3; dynein light chain Tctex-type 3; Tcte1; Tcte1l; AU042796; 2310075M16Rik; dynein light chain Tctex-type 3; protein 91/23
Gene ID	67117
mRNA Refseq	NM_025975
Protein Refseq	NP_080251
UniProt ID	P56387

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