

Recombinant Mouse Dync1i1 Protein, Myc/DDK-tagged

Cat. No. Dync1i1-2695M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynein cytoplasmic 1 intermediate chain 1 (Dync1i1), 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. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCNT1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.
Molecular Mass	70.7 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 [Dync1i1 dynein cytoplasmic 1 intermediate chain 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Dync1i1](#)

Synonyms

DYNC1I1; dynein cytoplasmic 1 intermediate chain 1; cytoplasmic dynein 1 intermediate chain 1; dynein, cytoplasmic, intermediate chain 1; cytoplasmic dynein intermediate chain 1 isoform 1.6; Dynein intermediate chain 1, cytosolic (DH IC-1) (Cytoplasmic dynein intermediate chain 1); DIC; IC74; DHIC-1; Dncic1; DH IC-1

Gene ID [13426](#)

mRNA Refseq [NM_010063](#)

Protein Refseq [NP_034193](#)

UniProt ID [O88485](#)

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