

Product datasheet for **TP508374**

Dync1li1 (NM_146229) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dynein cytoplasmic 1 light intermediate chain 1 (Dync1li1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208374 protein sequence Red =Cloning site Green =Tags(s)

MAAVGRVGSFGSSPPGLASTYASGPLANELASGSGGPAAGDDEDGQNLWSCILSEVSTRSRSKLPTGKNV
LLLGEDGAGKTSIRRIQGIIEYKKGRLLEYLYLVNHDERRDDQTRCNWILDGDLYHKGLLKFSLDALS
LRDTLVMLVDMSPWTALDSLQKVASVREHVDKLIKIPPEEMKEMEQLIRDFQEYVEPGEDFPASPQR
RTTGAQEDRGDSVVLPLGADTLTHNLGLPVLVCTKCDASVLEKEHDYRDEHFDIFIQSHIRKFCLQYGA
ALIYTSVKENKNIDLVIYKIVQKLYGFPYKIPAVVVEKDAVFIPAGWDNDKKIGILHENFQTLKVEDNFE
DIITKPPVRKFVHEKEIMAEDDQVFLMKLQSLAKQPPTAAGRVPDASPRVPGGSPRTPNRSVSSNVASV
SPIPAGSKKIDPNMKAGATSEGLANFFNSLLSKKTGSPGGPGVGGSPGGGAAGASPSLPPSAKSKGQKP
VLSDVHAELDRITRKPASVSPTTPTSPTEGEAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_666341</u>



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Locus ID: 235661

UniProt ID: [Q8R1Q8](#), [Q3TWG5](#)

RefSeq Size: 2046

Cytogenetics: 9 F3

RefSeq ORF: 1572

Synonyms: 1110053F02Rik; Dncl1c1; LIC-1

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]