

Product datasheet for TP322010M

Cytoplasmic dynein 1 light intermediate chain 1 (DYNC1LI1) (NM_016141) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dynein, cytoplasmic 1, light intermediate chain 1 (DYNC1LI1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222010 protein sequence Red=Cloning site Green=Tags(s)

MAAVGRVGSFGSSPPGLSSTYTGGPLGNEIASGNGGAAAGDDEDGQNLWSCILSEVSTRSRKLPAGKNV
 LLLGEDGAGKTSLIRKIQIEEYKKGRGLELYLNVHDEDRDDQTRCNVWILDGDLYHKLLKFSLDAVS
 LKDTLVMLVVDMSKPWTALDSLQKVASVREHVDKLIKIPPEEMKQMEQKLIRDFQEYVEPGEDFPASPQR
 RNTASQEDKDDSVLPLGADTLTHNLGIPVLVCTKCDASVLEKEHDYRDEHDFDIQSHIRKFCLQYGA
 ALIYTSVKENKNIDLVIYQKLYGFPYKIPAVVVEKDAVFIPAGWDNDKKIGILHENFQTLKAEDNFE
 DIITKPPVRKFVHEKEIMAEDDQVFLMKLQSLAKQPPTAAGRPVDASPRVPGGSPRTPNRSVSSNVASV
 SPIPAGSKKIDPNMKAGATSEGVLANFFNSLLSKKTGSPGGPGVSGGSPAGGAGGGSSGLPPSTKKSGQK
 PVLDVHAELDRITRKPVTVSPTTPTSPTEGEAS

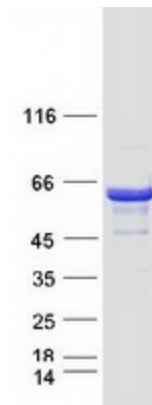
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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:	NP_057225
Locus ID:	51143
UniProt ID:	Q9Y6G9
RefSeq Size:	2517
Cytogenetics:	3p22.3
RefSeq ORF:	1569
Synonyms:	DLC-A; DNCL11; LIC1
Summary:	The protein encoded by this gene belongs to light intermediate subunit family, whose members are components of the multiprotein cytoplasmic dynein complex, which is involved in intracellular trafficking and chromosome segregation during mitosis. The protein plays a role in moving the spindle assembly checkpoint (SAC) from kinetochores to spindle poles. The protein may also mediate binding to other cargo molecules to facilitate intracellular vesicle trafficking. [provided by RefSeq, Jul 2016]

Product images:

Coomassie blue staining of purified DYNC1LI1 protein (Cat# [TP322010]). The protein was produced from HEK293T cells transfected with DYNC1LI1 cDNA clone (Cat# [RC222010]) using MegaTran 2.0 (Cat# [TT210002]).