

Product datasheet for PH322010

Cytoplasmic dynein 1 light intermediate chain 1 (DYNC1LI1) (NM_016141) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DYNC1LI1 MS Standard C13 and N15-labeled recombinant protein (NP_057225)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222010
Predicted MW:	56.6 kDa
Protein Sequence:	>RC222010 protein sequence Red=Cloning site Green=Tags(s)
	<p>MAAVGRVGSFGSSPPGLSSTYTGGPLGNEIASGNNGAAAGDDEDGQNLWSCILSEVSTRSRSLPAGKNV LLLGEDGAGKTSLIRKIQGIIEEYKKGRLLEYLYLVNHDEDRDDQTRCNVWILDGDLYHKGLLKFSLDVAVS LKDTLVMLVVDMSKPWTALDSLQKVASVREHVDKLIKIPPEEMKQMEQKLIRDFQEYVEPGEDFPASPQR RNTASQEDKDDSVVLPLGADTLTHNLGIPVLVCTKCDATSVLEKEHDYRDEHDFDIQSHIRKFCFLQYGA ALIYTSVKENKNIDL VYKYIVQKLYGFPYKIPAVVVEKDAVFIPAGWDNDKKIGILHENFQTLKAEDNFE DIITKPPVRKFVHEKEIMAEDDQVFLMKLQSLAKQPPTAAGRVPDASPRVPGGSPRTPNRSVSSNVASV SPIPAGSKKIDPNMKAGATSEGLANFNLSLLSKKTGSPGGPGVSGGSPAGGAGGSSGLPPSTKKSGQK PVLDVHAEIDRITRKPVTVSPPTPTSPTEGEAS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_057225</u>
RefSeq Size:	2517

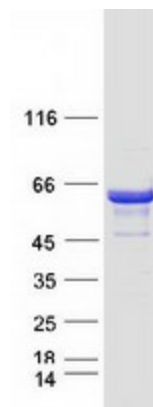


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RefSeq ORF:	1569
Synonyms:	DLC-A; DNCLI1; LIC1
Locus ID:	51143
UniProt ID:	Q9Y6G9
Cytogenetics:	3p22.3

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]).