

Recombinant Full Length Human DYNC1LI1 Protein, GST-tagged

Cat. No. DYNC1LI1-4145HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYNC1LI1 full-length ORF (1 a.a. - 523 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	523 amino acids
Description	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]
Molecular Mass	83 kDa
AA Sequence	MAAVGRVGSFGSSPPGLSSTYTGGPLGNEIASGNNGGAAAGDDEDGQNLWSCILSE VSTRSRSKLPAGKNVLLLGEDGAGKTSIRKIQGIEEYKKGRGLELYLNVHDKDRD DQTRCNVWILDGDLYHKGLLKFSLDVSLKDTLVMVLVDMSPKWTALDSLQKWASV VREHVDKLIKIPPEEMKQMEQKLIRDFQEYVEPGEDFPASPQRRNTASQEDKDDSVV LPLGADTLTHNLGIPVLVCTKCDASVLEKEHDYRDEHFDIFIQSHIRKFCLQYGAALI YTSVKENKNIDLVIKYIVQKLYGFPYKIPAVVVEKDAVFIPAGWDNDKKIGILHENFQT

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LKAEDNFEDIITKPPVRKFVHEKEIMAEDDQVFLMKLQSLAKQPPTAAGRPVDASPR
 VPGGSPRTPNRSVSSNVASVSPIPAGSKKIDPNMKAGATSEGVLANFFNSLLSKKTG
 SPGGPGVSGGSPAGGAGGGSSGLPPSTKKSGQKPVLDVHAELDRITRKPTVSPT
 TPTSPTEGEAS

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [DYNC1LI1 dynein, cytoplasmic 1, light intermediate chain 1 \[Homo sapiens \]](#)

Official Symbol [DYNC1LI1](#)

Synonyms DYNC1LI1; dynein, cytoplasmic 1, light intermediate chain 1; DNCLI1, dynein, cytoplasmic, light intermediate polypeptide 1; cytoplasmic dynein 1 light intermediate chain 1; DLC-A; dynein light chain A; dynein light chain-A; dynein light intermediate chain 1, cytosolic; dynein, cytoplasmic, light intermediate polypeptide 1; LIC1; DNCLI1; FLJ10219;

Gene ID [51143](#)

mRNA Refseq [NM_016141](#)

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Protein Refseq	NP_057225
MIM	615890
UniProt ID	Q9Y6G9

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