

Recombinant Full Length Human DYNC1LI2 Protein, GST-tagged

Cat. No. DYNC1LI2-4148HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Human DYNC1LI2 full-length ORF (AAH25959.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

In Vitro Cell Free System

ProteinLength

492 amino acids

Description

Cytoplasmic dynein is a microtubule-associated motor protein (Hughes et al., 1995 [PubMed 7738094]). See DYNC1H1 (MIM 600112) for general information about dyneins.[supplied by OMIM, Mar 2008]

Molecular Mass

80.5 kDa

AA Sequence

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MAPVGVEKLLLLGPNPAAVAAAGDLTSEEEEGQSLWSSILSEVSTRARSKLPSGKNI
LVFGEDGSGKTTLMTKLQGAEHGKKGRGLELYLSVHDEDRDDHTRCNVWILDGD
LYHKGLLKFAVSAESLPETLVIFVADMSRPWTVMESLQKWASVLRHIDKMKIPPEK
MRELERKFVKDFQDYMEPEEGCQGSPQRRGPLTSGSDEENVALPLGDNVLTHNLG
IPVLVVCTKCDAVSVLEKEHDYRDEHLDFIQSHLRRFCLQYGAALIYTSVKEEKNLDL
LYKYIVHKTYGFHFTTPALVVEKDAVFIPAGWDNEKKIAILHENFTTVKPEDAYEDFIV
KPPVRKLVHDKELAAEDEQVFLMKQQSLLAKQPATPTRASESPARGPSGSPRTQG
RGGPASVPSSSPGTSVKKPDPNIKNNAASEGVLASFFNSLLSKKTGSPGSPGAGGV
QSTAKNSGQKTVLSNVQEELDRMTRKPDMSMTNSSTENEA
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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	DYNC1LI2 dynein cytoplasmic 1 light intermediate chain 2 [Homo sapiens (human)]
Official Symbol	DYNC1LI2
Synonyms	DYNC1LI2; dynein cytoplasmic 1 light intermediate chain 2; Dynein Cytoplasmic 1 Light Intermediate Chain 2; Dynein, Cytoplasmic, Light Intermediate Polypeptide 2; Dynein Light Intermediate Chain 2, Cytosolic; LIC53/55; DNCLI2; LIC-2; LIC2; Cytoplasmic Dynein 1 Light Intermediate Chain 2; cytoplasmic dynein 1 light intermediate chain 2; dynein light intermediate chain 2, cytosolic; dynein, cytoplasmic, light intermediate polypeptide 2
Gene ID	1783
mRNA Refseq	NM_001286157
Protein Refseq	NP_001273086
MIM	611406

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UniProt ID

O43237

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