

Recombinant Human DYNC1LI1 293 Cell Lysate

Cat. No. DYNC1LI1-6762HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dynein, cytoplasmic 1, light intermediate chain 1 (DYNC1LI1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

Protein Refseq

NP_057225

UniProt ID

Q9Y6G9

Chromosome Location

3p23

Pathway

Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; Salmonella infection, organism-specific biosystem; Salmonella infection, conserved biosystem; Vasopressin-regulated water reabsorption, organism-specific biosystem; Vasopressin-regulated water reabsorption, conserved biosystem;

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Function

ATP binding; motor activity; nucleotide binding;

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