

Recombinant Human DYNLT1 293 Cell Lysate

Cat. No. DYNLT1-6754HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dynein, light chain, Tctex-type 1 (DYNLT1) 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

DYNLT1 dynein, light chain, Tctex-type 1 [Homo sapiens]

Official Symbol

DYNLT1

Synonyms

DYNLT1; dynein, light chain, Tctex-type 1; t complex associated testis expressed 1 like 1 , TCTEL1; dynein light chain Tctex-type 1; T-complex testis-specific protein 1 homolog; t-complex-associated-testis-expressed 1-like 1; CW-1; TCTEL1; tctex-1; MGC111571;

Gene ID

6993

mRNA Refseq

NM_006519

Protein Refseq

NP_006510

MIM

601554

UniProt ID

P63172

Chromosome Location

6q25.2-q25.3

Pathway

Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem; Neurotrophic factor-mediated Trk receptor signaling, organism-specific biosystem;

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Function

identical protein binding; motor activity; protein binding;

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