

Recombinant Human DYNLRB1 293 Cell Lysate

Cat. No. DYNLRB1-6755HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dynein, light chain, roadblock-type 1 (DYNLRB1) 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.

 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

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

DYNLRB1 dynein, light chain, roadblock-type 1 [Homo sapiens]

Official Symbol

DYNLRB1

Synonyms

DYNLRB1; dynein, light chain, roadblock-type 1; DNCL2A, dynein, cytoplasmic, light polypeptide 2A; dynein light chain roadblock-type 1; DNLC2A; roadblock domain containing 1; ROBLD1; Roadblock-1; ROBL/LC7-like 1; bithoraxoid-like protein; dynein-associated protein Km23; dynein-associated protein HKM23; cytoplasmic dynein light chain 2A; dynein light chain 2A, cytoplasmic; roadblock domain-containing protein 1; dynein, cytoplasmic, light polypeptide 2A; BLP; BITH; DNCL2A;

Gene ID

83658

mRNA Refseq

NM_014183

Protein Refseq

NP_054902

MIM

607167

UniProt ID

Q9NP97

Chromosome Location

20q11.21

Pathway

TGF-beta receptor signaling, organism-specific biosystem;

 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

Function

identical protein binding; microtubule motor activity; protein binding;

 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