

Recombinant Human DYNLRB1 293 Cell Lysate

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

SPECIFICATION

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.
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

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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](#);

Function [identical protein binding](#); [microtubule motor activity](#); [protein binding](#);

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