

Recombinant Human DYNLRB1 protein, His-tagged

Cat. No. DYNLRB1-273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYNLRB1 protein(1-96 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-96 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MAEVEETLKRLQSQKGVQGIIVVNTEGIPIKSTMDNPTTTQYASLMHSFILKARSTVR DIDPQNDLTFLRIRSKKNEIMVAPDKDYFLIVIQNPTE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

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SDS-PAGE

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