

Recombinant Human DYNLRB2 protein, His-tagged

Cat. No. DYNLRB2-3424H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYNLRB2(1-96aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-96 a.a.
Description	DYNLRB2, also known as dynein light chain roadblock-type 2, acts as one of several non-catalytic accessory components of the cytoplasmic dynein complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Molecular Mass	13.0 kDa (116aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSHIRSKKHEIMV APDKEYLLIV IQNPCE MAEVEETLKR IQSHKGVIGT MGVNAEGIPI RTTLDNSTTV QYAGLLHHLT MKAKSTVRDI DPQNDLTLFLR
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	DYNLRB2 dynein, light chain, roadblock-type 2 [Homo sapiens]
Official Symbol	DYNLRB2
Synonyms	DYNLRB2; dynein, light chain, roadblock-type 2; DNCL2B, dynein, cytoplasmic, light polypeptide 2B; dynein light chain roadblock-type 2; DNLC2B; roadblock domain containing 2; ROBLD2; bithoraxoid-like protein; dynein light chain 2B, cytoplasmic; roadblock domain-containing protein 2; dynein, cytoplasmic, light polypeptide 2B; DNCL2B; MGC62033;
Gene ID	83657
mRNA Refseq	NM_130897
Protein Refseq	NP_570967
MIM	607168
UniProt ID	Q8TF09
Chromosome Location	16q23.3

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Function

microtubule motor activity;

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