

## DYNLRB2 Human

**Description:** DYNLRB2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 116 amino acids (1-96 a.a.) and having a molecular mass of 13kDa. The DYNLRB2 is purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-181

For research use only.

**Synonyms:** Dynein light chain roadblock-type 2, Dynein light chain 2B cytoplasmic, Roadblock domain-containing protein 2, DYNLRB2, DNCL2B, DNLC2B, ROBLD2, MGC62033.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MAEVEETLKR IQSHKGVIGT  
MNVNAEGIPi RTTLDNSTTV QYAGLLHHLT MKAKSTVRDI DPQNDLTFLR IRSKKHEIMV  
APDKEYLLIV IQNPCE.

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

The DYNLRB2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Dynein light chain roadblock-type 2 (DYNLRB2) functions as one of several non-catalytic accessory components of the cytoplasmic dynein complex which are considered to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein functions as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules.

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