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## Product Data Sheet

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Product Name: DYNLRB2 Human  
 Cat. No.: GP23345  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Dynein light chain roadblock-type 2; Dynein light chain 2B cytoplasmic; Roadblock domain-containing protein 2; DYNLRB2; DNCL2B; DNLC2B; ROBLD2; MGC62033.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAEVEETLKR IQSHKGVIGT MVVNAEGIPI RTTLDNSTTV QYAGLLHHLT MKAKSTVRDI DPQNDLTFLR IRSKKHEIMV APDKEYLLIV IQNPCE.		
Formulation	The DYNLRB2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

### 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.

### 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.

### Background

DYNLRB2 Human Recombinant fused with a20 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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