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# Recombinant human DYNLRB1 protein

Catalog Number: ATGP0654

### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-96aa

#### UniProt No.

**09NP97** 

#### **NCBI Accession No.**

NP 054902

#### **Alternative Names**

Dynein light chain roadblock-type1, BITH, BLP, DNCL2A, DNLC2A, ROBLD1, HSPC162, Dynein light chain roadblock-type1

### **PRODUCT SPECIFICATION**

# **Molecular Weight**

11.9 kDa (104aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

# **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

### **BACKGROUND**

# **Description**

Dynein light chain roadblock-type, also known as DYNLRB1 is a member of the roadblock dynein light chain family and encodes a cytoplasmic protein that is capable of binding intermediate chain proteins. upregulation of this gene has been associated with hepatocellular carcinomas, suggesting that this gene may be involved in tumor progression. Recombinant human DYNLRB1 human, fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques



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# **Amino acid Sequence**

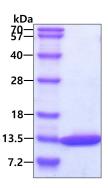
MAEVEETLKR LQSQKGVQGI IVVNTEGIPI KSTMDNPTTT QYASLMHSFI LKARSTVRDI DPQNDLTFLR IRSKKNEIMV APDKDYFLIV IQNPTE<LEHH HHHH>

#### **General References**

Ashokkumar B., et al. (2009) Am J Physil Gastrointest Liver Physiol. 297(3):G480-7. Wanschers B., et al. (2008) Cell Motil Cytoskeleton. 65(3):183-96.

# **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

