

Recombinant human DYNLRB1 protein

Catalog Number: ATGP0654

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-96aa

UniProt No.

Q9NP97

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>

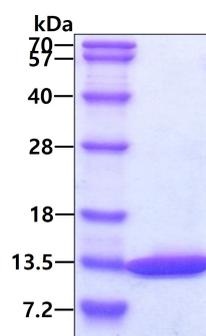
General References

Ashokkumar B., et al. (2009) Am J Physiol 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.