

Recombinant human DYNLRB2 protein

Catalog Number: ATGP0962

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-96aa

UniProt No.

Q8TF09

NCBI Accession No.

NP_570967

Alternative Names

Dynein light chain roadblock-type 2, DNCL2B, DNLC2B, MGC62033, ROBLD2

PRODUCT SPECIFICATION

Molecular Weight

13.0 kDa (116aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Purity

> 90% 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

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. Recombinant human DYNLRB2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MAEVEETLKR IQSHKGVIGT MGVNAEGIPi RTTLDNSTTV QYAGLLHHLT MKAKSTVRDI
DPQNDLTFLR IRSKKHEIMV APDKEYLLIV IQNPCE

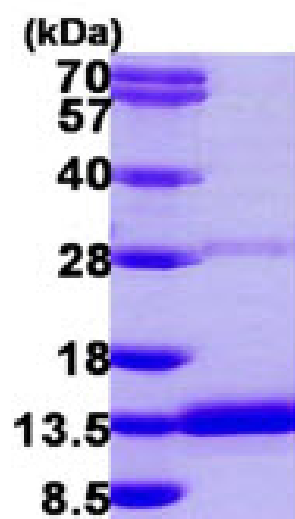
General References

Jiang J., et al. (2001). Gene., 281:103-13.

Wanschers B., et al. (2008). Cell Motil Cytoskeleton. 65:183-96.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)