

Recombinant human MAGOHB protein

Catalog Number: ATGP2131

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-148aa

UniProt No.

Q96A72

NCBI Accession No.

NP_060518

Alternative Names

Protein mago nashi homolog 2, mago-nashi homolog B (Drosophila), mago, magoh, MGN2

PRODUCT SPECIFICATION

Molecular Weight

19.7 kDa (171aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT 30% glycerol, 0.15M NaCl

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

MAGOHB is involved in mRNA splicing and in the nonsense-mediated decay (NMD) pathway. Also, it interacts with RBM8A and is part of the exon junction complex (EJC) containing NCBP1, NCBP2, RNPS1, RBM8A, SRRM1, NXF1, uPF3B, uPF2 and ALYREF/THOC4. Recombinant human MAGOHB protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSMASDF YLRYVGHKG KFGHEFLEFE FRPDGKLRYA NNSNYKNDVM IRKEAYVHKS

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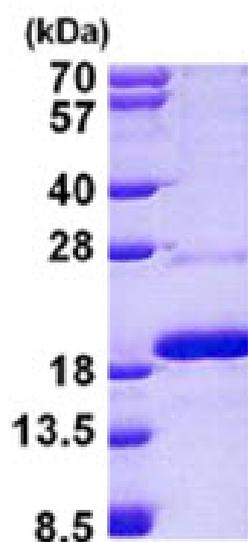
VMEELKRIID DSEITKEDDA LWPPPDRVGR QELEIVIGDE HISFTTSKIG SLIDVNQSKD PEGLRVFYLL VQDLKCLVFS
LIGLHFKIKP I

General References

Sjoblom T, Jones S, Wood LD, Parsons DW, Lin J., et al. 2006 Oct 13
314(5797):268-74.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)