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## **Recombinant human MAGOH protein**

Catalog Number: ATGP0538

#### PRODUCT INFORMATION

## **Expression system**

E.coli

#### **Domain**

1-146aa

#### UniProt No.

P61326

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

NP 002361

#### **Alternative Names**

Protein mago nashi homolog, MAGOH1, MAGOHA, Protein mago nashi homolog Mago nashi homolog proliferation associated (Drosophila), Mago nashi protein homolog.

## **PRODUCT SPECIFICATION**

## **Molecular Weight**

18.2 kDa (154aa) confirmed by MALDI-TOF

## Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 0.1M NaCl, 20% glycerol

#### **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

MAGOH, the human homolog of Drosophila mago nashi, is required for embryo development. MAGOH is ubiquitously expressed in adult tissues. In mammals, mRNA expression is not limited to the germ plasm, but is expressed ubiquitously in adult tissues and can be induced by serum stimulation of quiescent fibroblasts. Recombinant human MAGOH protein, 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**

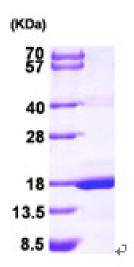
MESDFYLRYY VGHKGKFGHE FLEFEFRPDG KLRYANNSNY KNDVMIRKEA YVHKSVMEEL KRIIDDSEIT KEDDALWPPP DRVGRQELEI VIGDEHISFT TSKIGSLIDV NQSKDPEGLR VFYYLVQDLK CLVFSLIGLH FKIKPILEHH HHHH

### **General References**

Gehring NH., et al. (2009) Cell. 137(3):536-48. Chamieh H., et al. (2008) Nat Struct Mol Biol. 15(1):85-93.

## **DATA**

#### **SDS-PAGE**



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

15% SDS-PAGE (3ug)-