

### Recombinant Human MAGOH protein ab95308

画像数 1

#### 製品の詳細

製品名	Recombinant Human MAGOH protein
精製度	> 90 % SDS-PAGE. ab95308 was purified using conventional chromatography techniques.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MESDFYLRYY VGHKGKFGHE FLEFEFRPDG KLRYANNSNY KNDVMIRKEA YVHKSVMEEL KRIIDDSEIT KEDDALWPPP DRVGRQELEI VIGDEHISFT TSKIGSLIDV NQSKDPEGLR VFYYLVQDLK CLVFSLIGLH FKIKPILEHH HHHH

#### 特性

Our **Abpromise guarantee** covers the use of **ab95308** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

#### 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  pH: 8.00 Constituents: 0.0308% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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#### 関連情報

<b>機能</b>	Component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Core components of the EJC, that remains bound to spliced mRNAs throughout all stages of mRNA metabolism, functions to mark the position of the exon-exon junction in the mature mRNA and thereby influences downstream processes of gene expression including mRNA splicing, nuclear mRNA export, subcellular mRNA localization, translation efficiency and nonsense-mediated mRNA decay (NMD). Remains associated with the mRNA after its export to the cytoplasm and require translation of the mRNA for removal. The heterodimer MAGOH-RBM8A interacts with PYM that function to enhance the translation of EJC-bearing spliced mRNAs by recruiting them to the ribosomal 48S preinitiation complex.
<b>組織特異性</b>	Ubiquitous.
<b>配列類似性</b>	Belongs to the mago nashi family.
<b>細胞内局在</b>	Nucleus. Nucleus speckle. Cytoplasm. Detected in granule-like structures in the dendroplasm (By similarity). Travels to the cytoplasm as part of the exon junction complex (EJC) bound to mRNA. Colocalizes with the core EJC, THOC4, NXF1 and UAP56 in the nucleus and nuclear speckles.

## 画像



15% SDS-PAGE analysis of 3µg ab95308

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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