

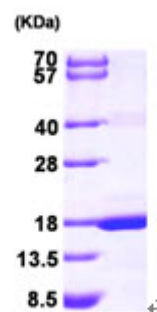
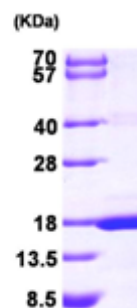
## AR09448PU-L

## Human MAGOH (1-146, His-tag) - Purified

|                          |                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternate names:</b>  | Protein mago nashi homolog                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Quantity:</b>         | 0.5 mg                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 0.5 mg/ml (determined by Bradford assay)                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Background:</b>       | 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.                                                                                       |
| <b>Uniprot ID:</b>       | <a href="#">P61326</a>                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>NCBI:</b>             | <a href="#">NP_002361</a>                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>GeneID:</b>           | <a href="#">4116</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source:</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Format:</b>           | <b>State:</b> Liquid purified protein<br><b>Purity:</b> >90% by SDS - PAGE<br><b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 0.1 M NaCl, 20% glycerol                                                                                                                                                                                                                              |
| <b>Description:</b>      | Recombinant human MAGOH protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.<br><b>AA Sequence:</b><br>MESDFYLRYV VGHKGKFGHE FLEFEFRPDG KLRVANNSTY KNDVMIRKEA YVHKSVMEEL<br>KRIIDDSEIT KEDDALWPPP DRVGRQLEI VIGDEHISFT TSKIGSLIDV NQSKDPEGLR<br>VFYYLVQDLK CLVFSLIGLH FKIKPILEHH HHHH<br><b>Molecular weight:</b> 18.2 kDa (154 aa) |
| <b>Storage:</b>          | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.                                                                                                                                                                                                                                    |
| <b>General Readings:</b> | Gehring NH., et al. (2009) Cell. 137(3):536-48.<br>Chamieh H., et al. (2008) Nat Struct Mol Biol. 15(1):85-93.                                                                                                                                                                                                                                                                                                |

**Pictures:**

Recombinant human MAGOH, 1-146 aa,  
His-tagged: 15% SDS-PAGE (3 ug)



15% SDS-PAGE (3ug)