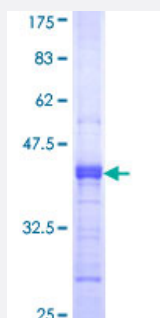


MAG (Human) Recombinant Protein (Q01)

Catalog # H00004099-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human MAG partial ORF (NP_002352, 119 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GDLGGYNQYTFSEHSVLDVNTPNIVVPPEVVAGTEVEVSCMVPDNCPELRPELSWLGHEGLGE PAVLGRLREDEGTWVQVSLHFVPTR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (99); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAG

Entrez GeneID [4099](#)

GeneBank Accession# [NM_002361](#)

Protein Accession# [NP_002352](#)

Gene Name MAG

Gene Alias GMA, S-MAG, SIGLEC-4A, SIGLEC4A

Gene Description myelin associated glycoprotein

Omim ID [159460](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations myelin-associated glycoprotein|sialic acid-binding immunoglobulin-like lectin 4A

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)