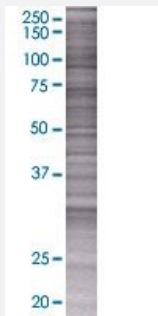


MAG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004099-T01

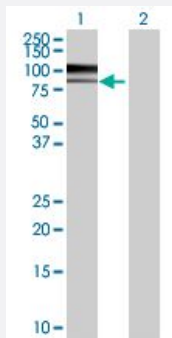
Size 100 uL

Applications



SDS-PAGE Gel

MAG transfected lysate.



Western Blot

Lane 1: MAG transfected lysate (68.97 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MAG full-length
Host	Human
Theoretical MW (kDa)	68.97
Interspecies Antigen Sequence	Mouse (94); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MAG antibody ([H00004099-B01](#)) by Western Blots.
 SDS-PAGE Gel
 MAG transfected lysate.
 Western Blot
 Lane 1: MAG transfected lysate (68.97 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MAG

Entrez GeneID

[4099](#)

GeneBank Accession#

[NM_002361.2](#)

Protein Accession#

[NP_002352.1](#)

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](#)