Datasheet for ABIN7538399

MAG Protein (AA 20-516) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	MAG
Protein Characteristics:	AA 20-516
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAG protein is labelled with His tag.

Product Details

Purpose:	Recombinant human MAG Protein with C-terminal 6xHis tag
Specificity:	MAG (Gly20-Pro516) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	MAG
Alternative Name:	MAG (MAG Products)
Background:	The protein encoded by this gene is a type I membrane protein and member of the

Target Details

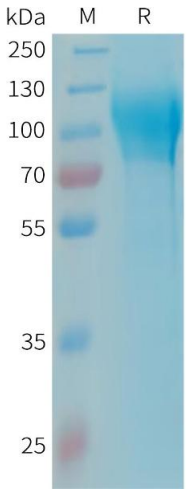
	immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 2010]
Molecular Weight:	predicted molecular mass of 55.5 kDa after removal of the signal peptide. The apparent molecular mass of MAG-His is 70-130 kDa due to glycosylation.
UniProt:	P20916
Pathways:	Neurotrophin Signaling Pathway

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human MAG Protein, His Tag on SDS-PAGE under reducing condition.