

Datasheet for ABIN1310020

MAG Protein (AA 1-626) (GST tag)

- 1

Image
- 3

Publications



[Go to Product page](#)

Overview

Quantity:	25 µg
Target:	MAG
Protein Characteristics:	AA 1-626
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAG protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	MAG (Human) Recombinant Protein (P01)
Sequence:	MIFLTALPLF WIMISASRGG HWGAWMPSSI SAFEGTCVSI PCRFDFPDEL RPAVVHGVWY FNSPYPKNYP PVVFKSRTQV VHESFQGRSR LLGDLGLRNC TLLLSNVSPE LGGKYYFRGD LGGYNQYTFS EHSVLDIVNT PNIVVPPEVV AGTEEVVSCM VPDNCPELRP ELSWLGHEGL GEPAVLGRLR EDEGTWVQVS LLHFVPTREA NGHRLGCQAS FPNTTLQFEG YASMDVKYPP VIVEMNSSVE AIEGSHVSL LCGADSNPPPL LTWMRDGTVL REAVAESLLL ELEEVTPAED GVYACLAENA YGQDNRTVGL SVMYAPWKPT VNGTMVAVEG ETVSILCSTQ SNPDILTIF KEKQILSTVI YESELQLELP AVSPEDDGEY WCVAENQYGQ RATAFNLSVE FAPVLLLESH CAAARDTVQC LCVVKSNEP SVAFELPSRN VTVNESEREF VYSERSGLVL TSILTLRGQA QAPPRVICTA RNLYGAKSLE LPFQGAHRLM WAKIGPVGAV VAFAILIAIV CYITQTRKK NVTESPSFSA GDNPPVLFSS DFRISGAPEK YESERRLGSE RRLGLRGEP PELDLSYSHS DLGKRPTKDS YTLTEELAEY AEIRVK

Product Details

Characteristics:	Human MAG full-length ORF (NP_002352.1, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	MAG
Alternative Name:	MAG (MAG Products)
Background:	Full Gene Name: myelin associated glycoprotein Synonyms: GMA,S-MAG,SIGLEC-4A,SIGLEC4A
Gene ID:	4099
NCBI Accession:	NM_002361
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Miners, Palmer, Love: "Pathophysiology of Hypoperfusion of the Precuneus in Early Alzheimer's Disease." in: Brain pathology (Zurich, Switzerland) , (2015) (PubMed).
	Barker, Wellington, Esiri, Love: "Assessing white matter ischemic damage in dementia patients

by measurement of myelin proteins." in: **Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism**, Vol. 33, Issue 7, pp. 1050-7, (2013) ([PubMed](#)).

Gnanapavan, Grant, Illes-Toth, Lakdawala, Keir, Giovannoni: "Neural cell adhesion molecule--description of a CSF ELISA method and evidence of reduced levels in selected neurological disorders." in: **Journal of neuroimmunology**, Vol. 225, Issue 1-2, pp. 118-22, (2010) ([PubMed](#)).

Images

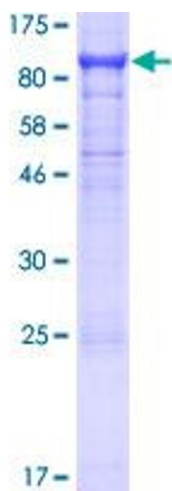


Image 1.