

Datasheet for ABIN7554522

MAGED1 Protein (AA 1-778) (His tag)



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Overview

Quantity:	1 mg
Target:	MAGED1
Protein Characteristics:	AA 1-778
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAGED1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MAGED1 Protein expressed in mammalian cells.
Sequence:	<p>MAQKMDCGAG LLGFQAEASV EDSALLMQTL MEAIQISEAP PTNQATAAAS PQSSQPPTAN</p> <p>EMADIQVSAA AARPKSAFKV QNATTKGPNG VYDFSQAHNA KDVPNTQPKA AFKSQNATPK</p> <p>GPNAAYDFSQ AATTGELAAN KSEMAFKAQN ATTKVGP NAT YNFSQSLNAN DLANSRPKTP</p> <p>FKAWNDDTTKA PTADTQTQNV NQAKMATSQA DIETDPGISE PDGATAQTSA DGSQAQNLES</p> <p>RTIIRGKRTR KINN LNVEEN SSGDQRRAPL AAGTWRSAPV PVTTQNPPGA PPNVLWQTPL</p> <p>AWQNPSGWQN QTARQTPPAR QSPPARQTPP AWQNPVAWQN PVIWPNPVIW QNPVIWPNI</p> <p>VWPGPVVWP N PLAWQNPPGW QTPPGWQTPP GWQGPPDWQG PPDWPLPPDW PLPPDWPLPT</p> <p>DWPLPPDWIP ADWPIPPDWQ NLRPSPNLRP SPNSRASQNP GAAQPRDVAL LQERANKLVK</p> <p>YLMLKDYTKV PIKRSEMLRD IIREYTDVYP EIIRACFVL EKKFGIQLKE IDKEEHLYIL ISTPESLAGI</p> <p>LGTTKDTPKL GLLLVLGVI FMNGNRASEA VLWEALRKMG LRP GVRHPLL GD LRKLLTYE</p> <p>FVKQKYLDYR RVPNSNPPEY EFLWGLRSYH ETSKMKVLR F IAEVQKRDP R DWTAQFMEAA</p>

DEALDALDAA AAEEAARAEA RTRMGIGDEA VSGPWSWDDI EFELLTWDEE GDFGDPWSRI
PFTFWARYHQ NARSRFPQTF AGPIIGPGGT ASANFAANFG AIGFFWVE **Sequence without tag.**
The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

MAGED1

Alternative Name:

MAGED1 ([MAGED1 Products](#))

Background:

Melanoma-associated antigen D1 (MAGE tumor antigen CCF) (MAGE-D1 antigen) (Neurotrophin receptor-interacting MAGE homolog),FUNCTION: Involved in the apoptotic response after nerve growth factor (NGF) binding in neuronal cells. Inhibits cell cycle progression, and facilitates NGFR-mediated apoptosis. May act as a regulator of the function of DLX family members. May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. Plays a role in the circadian rhythm regulation. May act as RORA co-regulator, modulating the expression of core clock genes such

Target Details

	as BMAL1 and NFIL3, induced, or NR1D1, repressed. {ECO:0000269 PubMed:20864041}.
Molecular Weight:	86.2 kDa
UniProt:	Q9Y5V3
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months