

Datasheet for ABIN7565158

MAGED1 Protein (AA 1-775) (His tag)



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Overview

Quantity:	1 mg
Target:	MAGED1
Protein Characteristics:	AA 1-775
Origin:	Mouse
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 mammalien cells.
Sequence:	<p>MAQKPDGGAG LRGFQAEASV EDSALLVQTL MEAIQISEAP PTSQATAAAS GPNASQSSQ</p> <p>PPTANEKADT EVSAAAARPK TGFKAQNATT KGPNDYSQAR NAKEMPKNQS KAAFKSQNGT</p> <p>PKGPHAASDF SQAAPTGKSA KKSEMAFKGQ NSTKAGPGTT YNFPQSPSAN EMTNNQPKTA</p> <p>KAWNDTTKVP GADAQTQNVN QAKMADVGTG AGISEADGAA AQT SADGSQT QNVESRTIIR</p> <p>GKTRTRKVNLL NVEENN SGDQ RRASLASGNW RSAPVPVTTQ QNPPGAPPNV VWQTPLAWQN</p> <p>PSGWQNQTAR QTPPAARQSP PARQTPSAWQ NPVAWQNPVI WPNPVIWQNP VIWPNPIVWP</p> <p>GPIVWPNPMA WQSTPGWQSP PSWQAPPSWQ SPQDWQGPPD WQVPPDWSMP</p> <p>PDWSFSPDWP FPPDWIPADW PIPPDWQNL R PPNLRSSSN SRASQNGQPP QPRDVALLQE</p> <p>RANKLVKYLK LKDYTKVPIK RSEMLRDIIR EYTDVYPEII ERACFVLEKK FGIQLKEIDK EEHLIYLIST</p> <p>PESLAGILGT TKDTPKLG LLL LVILGIIFMN GNRATEAVLW EALRKMGLRP GVRHP LLLGDL</p> <p>RKLLTYEFVK QKYLDYRRVP NSNPPEYEFL WGLRSYHETS KMKVLRFAIE VQKRDPRDWT</p>

Product Details

AQFMEEADEA LDALDAAAAE AEARAEARNR MGIGDEAVSG PWSWDDIEFE LLTWDEEGDF
GDPWSRIPFT FWARYHQNAR SRFPQAFTGP IIGPSGTATA NFAANFGAIG FFWVE **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	MAGED1
Alternative Name:	Maged1 (MAGED1 Products)
Background:	Melanoma-associated antigen D1 (DLXin-1) (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 coregulator, modulating the expression of core clock genes such as BMAL1 and NFIL3,

Target Details

	induced, or NR1D1, repressed. {ECO:0000269 PubMed:20300063}.
Molecular Weight:	85.7 kDa
UniProt:	Q9QYH6
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