

Datasheet for ABIN7554460

MAGI1 Protein (AA 1-1491) (His tag)



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Overview

Quantity:	1 mg
Target:	MAGI1
Protein Characteristics:	AA 1-1491
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAGI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MAGI1 Protein expressed in mammalian cells.
Sequence:	MSKVIQKKNH WTSRVHECTV KRGPQGELGV TVLGGAEHGE FPYVGAVAAV EAAGLPGGGE GPRLGEGELL LEVQGV RVSG LPRYDVLGVI DSCKEAVTFK AVRQGGRLNK DLRHFLNQRF QKGSPDHELQ QTIRDNLRYH AVPCTTRSPR EGEVPGVDYN FLTVKEFLDL EQSGTLLEVG TYEGNYYGTP KPPSQPVSGK VITTDALHSL QSGSKQSTPK RTKSYNDMQN AGIVHAENEE EDDVPEMNSS FTADSGEQEE HTLQETALPP VNSSIIAAPI TDPSQKFPQY LPLSAEDNLG PLPENWEMAY TENGEVYFID HNTKTTSWLD PRCLNKQQKP LEECEDDEGV HTEELDSELE LPAGWEKIED PVYGIYYVDH INRKTQYENP VLEAKRKKQL EQQQQQQQQQ QQQQQQQQQQ QTEEWTEHDS ALVPPVIPNH PPSNPEPARE VPLQGKPFPT RNPSELKGKF IHTKLRKSSR GFGFTVVGGD EPDEFLLQIKS LVLDPAAALD GKMETGDVIV SVNDTCVLGH THAQVVKIFQ SIPIGASVDL ELCRGYPLPF DPDDPNTSLV TSVAILDKEP IIVNGQETYD SPASHSSKTG KVNGMKDARP SSPADVASNS SHGYPNDTVLS LASSIATQPE LITVHIVKGP MGFGFTIADS

PGGGGQRVKQ IVDSPRCRGL KEGDLIVEVN KKNVQALTHN QVVDMLVECP KGSEVTLLVQ
RGGLPVPKKS PKSQPLERKD SQNSSQHSVS SHRSLHTASP SHSTQVLPEF PPAAEQAPDQ
TDSSGQKKPD PFKIWAQSRS MYENRPMSPS PASGLSKGER EREINSTNFG ECIPIDYEQ
DIFLWRKETG FGFRILGGNE PGEPIYIGHI VPLGAADTDG RLRSGDELIC VDGTPVIGKS
HQLVVQLMQQ AAKQGHVNLV VRRKVVFAVP KTENEVPSA SSHHSSNQPA SLTEEKRTPO
GSQNSLNTVS SGSGSTSGIG SGGGGGSGVV STVVQPYDVE IRRGENEGFG FVIVSSVSRP
EAGTTFAGNA CVAMPHKIGR IIEGSPADRC GKLKVGDRIL AVNGCSITNK SHSDIVNLIK
EAGNTVTLRI IPGDESSNAT LLTNAEKIAT ITTHTPSQQ GTQETRNTTK PKQESQFEFK
APQATQEQDF YTVELERGAK GFGFSLRGGR EYNMDLYVLR LAEDGPAERC GKMRIGDEIL
EINGETTKNM KHSRAIELIK NGGRRVRLFL KRGDGSVPEY DPSSDRHGPA TGPQGVPEVR
AGPDRRQHPS LESSYPPDLH KSSPHGEKRA HARDPKGSRE YSRQPNEHHT WNGTSRKPDS
GACRPKDRAP EGRRDAQAER AAAANGPKRR SPEKRREGTR SADNTLERRE KHEKRRDVSP
ERRRERSPTR RRDGSPSRRR RSLERLLEQR RSPERRRGGS PERRAKSTDR RRARSPPERR
ERSLDKRNRE DRASHREREE ANLKQDAGRS SRHPPEQRRR PYKECSTDLS | **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:	MAGI1
Alternative Name:	MAGI1 (MAGI1 Products)
Background:	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 (Atrophin-1-interacting protein 3) (AIP-3) (BAI1-associated protein 1) (BAP-1) (Membrane-associated guanylate kinase inverted 1) (MAGI-1) (Trinucleotide repeat-containing gene 19 protein) (WW domain-containing protein 3) (WWP3),FUNCTION: May play a role as scaffolding protein at cell-cell junctions. May regulate acid-induced ASIC3 currents by modulating its expression at the cell surface (By similarity). {ECO:0000250}.
Molecular Weight:	164.6 kDa
UniProt:	Q96QZ7

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