

Datasheet for ABIN7564146

MAGI1 Protein (AA 1-1471) (His tag)



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Overview

Quantity:	1 mg
Target:	MAGI1
Protein Characteristics:	AA 1-1471
Origin:	Mouse
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 WTGRVHECTV KRGPQGELGV TVLGGAEHGE FPYVGAVAAA EAAGLPGGGE GPKLAEGELL LEVQGVRVSG LPRYDVLGVI DSCKEAVTFK AVRQGGRLNK DLRHFLNQRF QKGSPDHELQ QTIRDNLRYH AVPCTTRSPR EGEVPGVDYS FLTVKEFLDL EQSGTLLEV TYEGNYYGTP KPPSQPVSGK VITTDALHSL QSGSKQSTPK RTKSYNDMQN AGIVHPENEE EEDVPEMNSS FTADSGDQDE HTLQEATLPP VNSSILAAPI TDPSQKFPQY LPLSAEDNLG PLPENWEMAY TENGEVYFID HNTKTTSWLD PRCLNKQKQP LEECEDDEGV HTEELDSELE LPAGWEKIED PVYGVYYVDH INRKTQYENP VLEAKRKKQL EQQQQQQQPQ PPQPEEWTE HASVPPVAP SHPPSNPEPA RETPLQGKPF FTRNPSELKG KFIHTKLRKS SRFGFTVVG GDEPDEFLQI KSLVLDGPAA LDGKMETGDV IVSVNDTCVL GHTHAQVVKI FQSIPIGASV DLELCRGYPL PFDPDDPNTS LVTSVAILDK EPIIVNGQET YDSPASHSSK TGKVSSMKDA RPSSPADVAS NSSHGYPNDT VSLASSIATQ PELITVHIVK GPMGFGFTIA DSPGGGGQRV

KQIVDSPRCR GLKEGLIVE VNKKNVQALT HNQVVDMLIE CPKGSEVTLL VQRGGLPVPK
KSPKSQPLER KDSQNSSQHS VSSHRSLHTA SPSHGIQVLP EYLPADAPAP DQTDSSGQKK
PDPFKIWAQS RSMYENRPMS PSPASGLSKG ERDREINSTN FGECQIPDYQ EQDIFLWRKE
TGFGFRILGG NEPGPIYIG HIVPLGAADT DGRLRSGDEL ICVDGTPVIG KSHQLVVQLM
QQAQKQGHVN LTVRRKVFA VPKAENEVPS PASSHHSSNQ PASLTEEKRT PQGSQNSLNT
VSSGSGSTSG IGSGGGGGSG VVSAVLQPYD VEIRRGGENEG FGFVIVSSVS RPEAGTTFGR
IIEGSPADRC GKLKVGDRIL AVNGCSITNK SHSDIVNLIK EAGNTVTLRI IPGDESSNAT
LLTNAEKIAT ITTTHAPSQQ GTQETRRTTK PKQDSQFEFK GPQAAQEQDF YTVELERGAK
GFGFSLRGGR EYNMDLYVLR LAEDGPAERC GKMRIGDEIL EINGETTKNM KHSRAIELIK
NGGRRVRLFL RRGDGSVPEY DPSSDRNGPS TGAQGVPEVR PGPPDHRPHP ALESSYPPEL
HKSSQHAERK AHAKDPKGNR EHSKQPNEHH TWNGTSRKQD SGACRPKDRP PDAWREAQPE
RTATNGSKRR SPEKRREGTR SADNTLERRE KHEKRREISP ERKRERSPTR RKDSSPSRRR
RSLERLLDQR RSPERRRGGG PERRAKSTDR RRARSPERRR ERSLDKRNRD DKVGHREEREE
AGLKLEAGRS PRNPPEQRRR 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 (BAI1-associated protein 1) (BAP-1) (Membrane-associated guanylate kinase inverted 1) (MAGI-1),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. {ECO:0000269 PubMed:15317815}.
Molecular Weight:	162.0 kDa
UniProt:	Q6RHR9

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