

Recombinant Human MAGI2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAGI2-5578H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAGI2 MS Standard C13 and N15-labeled recombinant protein (NP_036433) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene interacts with atrophin-1. Atrophin-1 contains a polyglutamine repeat, expansion of which is responsible for dentatorubral and pallidolusian atrophy. This encoded protein is characterized by two WW domains, a guanylate kinase-like domain, and multiple PDZ domains. It has structural similarity to the membrane-associated guanylate kinase homologue (MAGUK) family.
Molecular Mass	158.6 kDa
AA Sequence	MSKSLKKKSHWTSKVVHESVIGRNPEGQLGFELKGGGAENGQFPYLGEVKPGKVAYE SGSKLVSEELLLEVNETPVAGLTIRDVLAVIKHCKDPLRLKCVKQGGIVDKDLRHLYN LRFQKGSVDHELQIIRDNLVLRTPCTTRPHKEGEVPGVDYIFITVEDFMELEKSGA LLESPTYEDNYYGTPKPPAEPAPLLLNVTDQILPGATPSAEGKRKRKNSVSNMEKAS IEPPEEEEEERPVVNGNGVVVTPESSEHEDKSAGASGEMPSQPYPAPVYSQPEELK EQMDDTKPTKPEDNEEPDPLPDNWEMAYTEKGEVYFIDHNTKTTSWLDPRLAKKAK PPEECKENELPYGWEKIDDPIYGTYYYVDHINRRTQFENPVLEAKRKLQQHNPHTEL GTKPLQAPGFREKPLFTRDASQLKGTFLSTLLKSNMGFGFTIIGGDEPDEFLQVKS

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VIPDGPAAQDGKMETGDVIVYINEVCVLGHTHADVVKLFQSVPIGQSVNLVLCRGYP
 LPFDPEDPANSMVPPLAIMERPPPMVNGRHNHYETYLEYISRTSQSVPDITDRPPHS
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 DEPGQPILIGAVIAMGSADRDGRLHPGDELVYVDGIPVAGKTHRYVIDLMHHAARNG
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 DLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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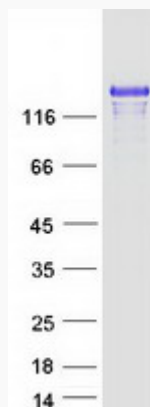
GENE INFORMATION

Gene Name	MAGI2 membrane associated guanylate kinase, WW and PDZ domain containing 2 [Homo sapiens (human)]
Official Symbol	MAGI2
Synonyms	MAGI2; membrane associated guanylate kinase, WW and PDZ domain containing 2; membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2; ACVRIP1; AIP1; ARIP1; KIAA0705; MAGI 2; atrophin-1-interacting protein 1; atrophin-1-interacting protein A; activin receptor interacting protein 1; membrane-associated guanylate kinase inverted 2; AIP-1; SSCAM; MAGI-2;
Gene ID	9863
mRNA Refseq	NM_012301
Protein Refseq	NP_036433
MIM	606382
UniProt ID	Q86UL8

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SDS-PAGE

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