

Recombinant Mouse Magi2 Protein, Myc/DDK-tagged

Cat. No. Magi2-3905M Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Purified recombinant protein of mouse full-length membrane associated guanylate kinase, WW and PDZ domain containing 2 (Magi2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Seems to act as scaffold molecule at synaptic junctions by assembling neurotransmitter receptors and cell adhesion proteins. Plays a role in nerve growth factor (NGF)-induced recruitment of RAPGEF2 to late endosomes and neurite outgrowth. May play a role in regulating activin-mediated signaling in neuronal cells. Enhances the ability of PTEN to suppress AKT1 activation. |
| Molecular Mass | 141.4 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 µg/mL as determined by microplate BCA method |

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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|------------------------|---|
| Gene Name | Magi2 membrane associated guanylate kinase, WW and PDZ domain containing 2 [Mus musculus (house mouse)] |
| 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; atrophin-1-interacting protein 1; activin receptor interacting protein 1; activin receptor-interacting protein 1; membrane-associated guanylate kinase inverted 2; AIP-1; Acvri1; Magi-2; S-SCAM; Acvrip1; Acvrinp1; mKIAA0705 |
| Gene ID | 50791 |
| mRNA Refseq | NM_001170746 |
| Protein Refseq | NP_001164217 |
| UniProt ID | Q9WVQ1 |

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