

Recombinant Mouse Magi2 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

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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