

Recombinant Human MAGI2 protein, GST-tagged

Cat. No. MAGI2-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGI2 protein(563-912 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	563-912 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	DRPPHSLHSMPTDGQLDGTYPVHDDNVSMASGATQAELMTLTIVKGAQGFGF TIADSPTGQRVKQILDIQGCPGLCEGLIVEINQQNVQNLSHTEVVDILKDCPIGSETS LIIHRGGFFSPWKTPKPIMDRWENQGSPQTSLSAPAIPQNLFPFPALHRSSFDPSTE AFDPRKPDPYELYEKSRAIYESRRPDYKELDVHLRRMESGFGFRILGGDEPGQPILI GAVIAMGSADRDGRLHPGDELVYVDGIPVAGKTHRYVIDLMHHAARNGQVNLTVRR KVLGGGEPCPENGRSPGSVSTHHSSPRSDYATYNSNHAAPSSNASPPEGFASHS LQTSDVVIHRK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name MAGI2 membrane associated guanylate kinase, WW and PDZ domain containing 2 [Homo sapiens]

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

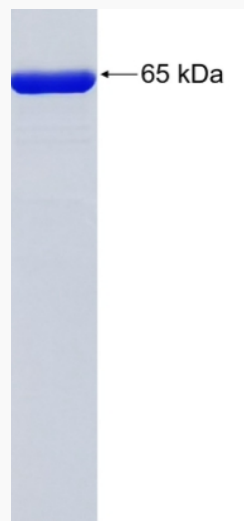
UniProt ID Q86UL8

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SDS-PAGE



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