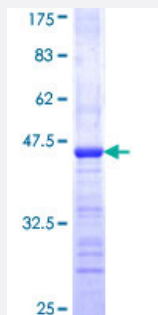


MAGI1 (Human) Recombinant Protein (Q01)

Catalog # H00009223-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human MAGI1 partial ORF (NP_004733, 761 a.a. - 859 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SHSTQVLPEFPPAEAQAPDQTDSSGQKKPDPFKWAQSRSMYENRPMSPSPASGLSKGERERE INSTNFGECPIPDYQEQDIFLWRKETGFGFRILGGN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAGI1

Entrez GeneID [9223](#)

GeneBank Accession# [NM_004742](#)

Protein Accession# [NP_004733](#)

Gene Name MAGI1

Gene Alias AIP3, BAIAP1, BAP1, MAGI-1, TNRC19, WWP3

Gene Description membrane associated guanylate kinase, WW and PDZ domain containing 1

Omim ID [602625](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the membrane-associated guanylate kinase homologue (MAGUK) family. MAGUK proteins participate in the assembly of multiprotein complexes on the inner surface of the plasma membrane at regions of cell-cell contact. The product of this gene may play a role as scaffolding protein at cell-cell junctions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations BAI1-associated protein 1|WW domain-containing protein 3|atrophin-1 interacting protein 3|membrane associated guanylate kinase inverted-1|trinucleotide repeat-containing gene 19

Pathway

- [Tight junction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)