

Active Recombinant Mouse Mdga1, His-tagged

Cat. No. Mdga1-665M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mdga1 (Accession # NP_001074629) Gln19-Pro910, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	19-910 a.a.
Predicted N Terminal	No results obtained: Gln19 predicted, sequencing might be blocked
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Able to significantly enhance neurite outgrowth when immobilized at 1.9-15 µg/mL on a nitrocellulose-coated microplate.
Molecular Mass	Recombinant Mouse Mdga1, His-tagged has a calculated MW of 99.8 kDa (monomer). In SDS-PAGE migrates as 115-125 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Mdga1 MAM domain containing glycosylphosphatidylinositol anchor 1 [Mus musculus]
Official Symbol	Mdga1
Synonyms	MDGA1; MAM domain containing glycosylphosphatidylinositol anchor 1; MAM domain-containing glycosylphosphatidylinositol anchor protein 1; GPIM; 1200011I03Rik;
Gene ID	74762
mRNA Refseq	NM_001081160
Protein Refseq	NP_001074629
MIM	

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