

## Active Recombinant Mouse Mgl2 Protein, His-tagged

Cat. No. Mgl2-828M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mgl2 (Accession # NP_660119) Ser72-Pro332, fused with an N-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ser72-Pro332
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized rmMGL2 at 2.5 µg/mL (100 µL/well) on a mouse anti-polyHistidine coated plate can bind biotinylated beta - Galactosamine-N-Acetyl-Polyacrylamide ( beta -Gal-NAc-PAA) with a linear range of 2 - 150 ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse Mgl2, His-tagged has a calculated MW of 31.0 kDa. In SDS-PAGE migrates as 36-38 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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

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months (-70°C).

**Reconstitution**

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name**

Mgl2 macrophage galactose N-acetyl-galactosamine specific lectin 2 [ Mus musculus (house mouse) ]

**Official Symbol**

Mgl2

**Synonyms**

CD301b; macrophage galactose N-acetyl-galactosamine specific lectin 2; macrophage galactose N-acetyl-galactosamine specific lectin 2; macrophage galactose-type C-type lectin 2

**Gene ID**

216864

**mRNA Refseq**

NM\_145137.2

**Protein Refseq**

NP\_660119.1

**MIM**
**UniProt ID**

Q8JZN1

**Chromosome Location**

11; 11 B3

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