

Active Recombinant Mouse Mgl2 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ser72-Pro332
Predicted N Terminal	His
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Mgl2, His-tagged has a calculated MW of 31.0 kDa. In SDS-PAGE migrates as 36-38 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

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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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