

Active Recombinant Mouse Clec5a protein, His-tagged

Cat. No. Clec5a-06M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Clec5a(Tyr26-Lys190) fused with His tag at N-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	26-190 a.a.
Predicted N Terminal	His
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse Galectin-9 is immobilized at 0.5 µg/mL (100 µL/well), the concentration of Recombinant Mouse MDL-1/CLEC5A that produces 50% optimal binding response is approximately 0.1-0.5 µg/mL.
Molecular Mass	Predicted Molecular Mass: 20 kDa; SDS-PAGE: 34-45 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE with silver staining

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Storage

Avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 centigrade as supplied.

1 month, 2 to 8 centigrade under sterile conditions after reconstitution.

3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in PBS.

GENE INFORMATION

Gene Name [Clec5a C-type lectin domain family 5, member a \[Mus musculus \]](#)

Official Symbol [Clec5a](#)

Synonyms CLEC5A; C-type lectin domain family 5, member a; C-type lectin domain family 5 member A; C-type lectin superfamily member 5; myeloid DAP12-associating lectin 1; myeloid DAP12-associating lectin-1; type II transmembrane protein MDL-1; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 5; Mdl1; Ly100; MDL-1; Clecsf5; MGC129446; MGC129447;

Gene ID [23845](#)

mRNA Refseq [NM_001038604](#)

Protein Refseq [NP_001033693](#)

UniProt ID [Q9R007](#)

Chromosome Location 6; 6 B1

Function binding; protein binding; sugar binding; viral receptor activity; viral receptor activity;

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