

Active Recombinant Mouse Clec11a Protein, His-tagged

Cat. No. Clec11a-1050M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Clec11a (Accession # O88200) Ala22-Phe328, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala22-Phe328
Predicted N Terminal	Ala22
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to promote the expansion of E16 rat liver mononuclear cells in vitro, in the presence of Recombinant Mouse SCF/c-kit Ligand, Recombinant Mouse Thrombopoietin/Tpo, and Recombinant Mouse Flt-3 Ligand. The ED50 for this effect is typically 0.1-0.4 µg/mL in the presence of cross-linking antibody, Mouse Anti-polyHistidine Monoclonal Antibody.
Molecular Mass	Recombinant Mouse Clec11a, His-tagged has a calculated MW of 35.1 kDa. In SDS-PAGE migrates as 50 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

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	Clec11a C-type lectin domain family 11, member a [<i>Mus musculus</i>]
Official Symbol	Clec11a
Synonyms	CLEC11A; C-type lectin domain family 11, member a; C-type lectin domain family 11 member A; stem cell growth factor; lymphocyte secreted C-type lectin; Scgf; Clecsf3; AW457320;
Gene ID	20256
mRNA Refseq	NM_009131
Protein Refseq	NP_033157
MIM	

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