

Recombinant Mouse Clec7a protein(Phe69-Leu244), His-tagged

Cat. No. Clec7a-2204M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CLEC7A (NP_064392.2)(Phe 69-Leu 244) was expressed in HEK293 with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Phe69-Leu244
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse CLEC7A consists of 193 amino acids and has a calculated molecular mass of 22.5 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 30-37 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Clec7a C-type lectin domain family 7, member a \[Mus musculus \]](#)

Official Symbol [Clec7a](#)

Synonyms CLEC7A; C-type lectin domain family 7, member a; C-type lectin domain family 7 member A; dectin-1; beta-glucan receptor; DC-associated C-type lectin 1; C-type lectin superfamily member 12; dendritic cell-associated C-type lectin 1; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 12; BGR; beta-GR; Clecsf12;

Gene ID [56644](#)

mRNA Refseq [NM_020008](#)

Protein Refseq [NP_064392](#)

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