

Recombinant Mouse Clec10a protein(Gln58-Ser305), hFc-tagged

Cat. No. Clec10a-6908M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CLEC10A (NP_001191181.1) (Gln 58-Ser 305) was expressed in HEK293, fused with the Fc region of Human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Gln58-Ser305
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 recombinant mouse CLEC10A/Fc is a disulfide-linked homodimer. The reduced monomer comprises 508 amino acids and predicts a molecular mass of 56.7 kDa. The apparent molecular mass of the monomer is approximately 58 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 86 % 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 Clec10a C-type lectin domain family 10, member A [*Mus musculus*]

Official Symbol Clec10a

Synonyms CLEC10A; C-type lectin domain family 10, member A; macrophage asialoglycoprotein-binding protein 1; macrophage galactose N-acetyl-galactosamine specific lectin 1; Mgl; Mgl1; CD301a; M-ASGP-BP-1;

Gene ID 17312

mRNA Refseq NM_001204252

Protein Refseq NP_001191181

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