

Recombinant Rat MBL1 protein(Met1-Ala238), hFc-tagged

Cat. No. MBL1-1286R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat MBL1 (P19999) (Met1-Ala238) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala238
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 Rat MBL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 462 amino acids and has a predicted molecular mass of 50.5 kDa. The apparent molecular mass of the protein is approximately 56 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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 [Mbl1 mannose-binding lectin \(protein A\) 1 \[Rattus norvegicus \]](#)

Official Symbol [MBL1](#)

Synonyms MBL1; mannose-binding lectin (protein A) 1; mannose-binding protein A; MBP-A; mannan-binding protein; mannose binding lectin (A); Mannose binding protein A, serum; mannose binding lectin 1, protein A; mannose binding lectin 2, protein C; Mbpa; Mlb1;

Gene ID [24548](#)

mRNA Refseq [NM_012599](#)

Protein Refseq [NP_036731](#)

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