

Recombinant Mouse MBL1 protein(Ser18-Ala239), His-tagged

Cat. No. Mbl1-803M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MBL (NP_034905.1) (Ser 18-Ala 239) was expressed in HEK293 with a N-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	18-239 a.a.
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 MBL consists of 238 amino acids and has a calculated molecular mass of 25.8 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 32 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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 [Mus musculus]
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Official Symbol	MBL1
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Synonyms

MBL1; mannose-binding lectin (protein A) 1; mannose-binding protein A; raRF p28B; mannan-binding protein; mannose binding lectin (A); mannose binding lectin, serum (A); ra-reactive factor polysaccharide-binding component p28B; MBL-A; MBP-A; S-MBP;

Gene ID	17194
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mRNA Refseq	NM_010775
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Protein Refseq	NP_034905
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