

Product datasheet for **TP727480**

Mbl2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Mannose Binding Lectin 2/MBL-2/MBP-C
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Glu19-Asp244
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Mannose Binding Lectin 2 is produced by our Mammalian expression system and the target gene encoding Glu19-Asp244 is expressed.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	17195
UniProt ID:	P41317
Synonyms:	Mannose binding lectin (C); isoform CRA_b; Mannose-binding protein C; Mbl2; MBL-2; Mannose Binding Lectin 2
Summary:	Mannose-binding Lectin (MBL) is an acute phase protein bearing to the family of collectins produced by the liver as a monomer that forms a triple helix. Once released in serum, it further polymerizes forming dimers to octamers. The degree of serum polymerization is critical for the biological activity of MBL. MBL has higher affinity to microbial polysaccharides or their glycoconjugates. MBL was shown earlier to bind cell surfaces of bacteria, fungi, protozoa and viruses and acts as an acute-phase plasma protein (APP) during infection and inflammation. MBL activates the lectin-complement pathway, promotes opsonophagocytosis and modulates inflammation.



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