

## 32-8756: Recombinant Mouse Mannose Binding Lectin 2/MBL-2/MBP-C

**Gene :** Mbl2  
**Gene ID :** 17195  
**Uniprot ID :** Q3UEK1

### Description

Source: Human Cells.  
MW :24kD.

Recombinant Mouse Mannose Binding Lectin 2 is produced by our Mammalian expression system and the target gene encoding Glu19-Asp244 is expressed. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** 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.  
**Amino Acid :** ETLTEGVQNSCPVVTCSPLNGFPGKDGRDGAKGEKGEQGLRGLQGPPGKVGPTGPPGNPGLKGA VGP  
KGDRGDRAEFDTSEIDSEIAALRSELRALRNWVLFSLSEKVGKKYFVSSVKKMSLDRVKALCSEFQGSVATPRN  
AEENSAIQKVAKDIAYLGITDVRVEGSFEDLTGNRVRYTNWNDGEPNNTGDGEDCVVILGNGKWNDVPCSDS  
FLAICEFSD

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.