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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 :	ETLTEGVQNSCPVVTCSSPGLNGFPGKDGRDGAKGEKGEPGQGLRGLQGPPGKVGPTGPPGNPGLKGAVGP KGDRGDRAEFDTSEIDSEIAALRSELRALRNWVLFSLSEKVGKKYFVSSVKKMSLDRVKALCSEFQGSVATPRN AEENSAIQKVAKDIAYLGITDVRVEGSFEDLTGNRVRYTNWNDGEPNNTGDGEDCVVILGNGKWNDVPCSDS FLAICEFSD

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.