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32-13311: MBL2 Human, Sf9

Alternative Name :	Mannose Binding Lectin 2, Mannose-Binding Lectin (Protein C) 2, Soluble (Opsonic Defect), Collectin-1, COLEC1, MBP-C, MBP1, MBL, Mannose-Binding Lectin 2, Soluble (Opsonic Defect), Mannose-Binding Lectin (Protein C) 2, Soluble, Mannose-Binding Protein C, Mannan-Binding Protein, Mannose-Binding Lectin, Mannan-Binding Lectin, HSMBPC, MBL2D, MBPD, MBP. Â Â Â Â Â Â Â Â Â Â Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Mannose-binding protein C (MBL2), belongs to the collectin family of patternrecognition molecules and is an important component in the innate immune system. MBL2 is a secreted glycoprotein which recognizes mannose and N-acetylglucosamine on various microorganisms, and is capable of activating the classical complement pathway. Lacking MBL2 has been associated with susceptibility to autoimmune and infectious diseases.
MBL2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 237 amino acids (21-248a.a.) and having a molecular mass of 25.1kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). MBL2 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	MBL2 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPETVTCED AQKTCPAVIA CSSPGINGFP GKDGRDGTKG EKGEPGQGLR GLQGPPGKLG PPGNPGPSGS PGPKGQKGDP GKSPDGDSSL AASERKALQT EMARIKKWLT FSLGKQVGNK FFLTNGEIMT FEKVKALCVK FQASVATPRN AAENGAIQNL IKEEAFLGIT DEKTEGQFVD LTGNRLTYTN WNEGEPNNAG SDEDCVLLLK NGQWNDVPCS TSHLAVCEFP IHHHHHH