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32-4181: Recombinant Human Mannose-Binding Lectin 2

Alternative Name :	COLEC1,HSMBPC,MBL,MBL2D,MBP,MBP-C,MBP1,Mannose-binding protein C,Collectin-1,Mannan-binding protein,Mannose-binding lectin.

Description

Source : E.coli. MBL2 Human Recombinant produced in E. coli is a single polypeptide chain containing 164 amino acids (108-248) and having a molecular mass of 18 kDa. MBL2 is fused to 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The MBL2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 20% glycerol and 0.2M Nacl.
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 :	MGSSHHHHHH SSGLVPRGSH MGSAASERKA LQTEMARIKK WLTFSLGKQV GNKFFLTNGE IMTFEKVKAL CVKFQASVAT PRNAAENGAI QNLIKEEAFL GITDEKTEGQ FVDLTGNRLT YTNWNEGEPN NAGSDEDCVL LLKNGQWNDV PCSTSHLAVC EFPI.