

## 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 pattern recognition 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.

