

Mannose-Binding Lectin 2 Human Recombinant

Item Number	rAP-3865
Synonyms	COLEC1, HSMBPC, MBL, MBL2D, MBP, MBP-C, MBP1, Mannose-binding protein C, Collectin-1, Mannan-binding protein, Mannose-binding lectin.
Description	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.
Uniprot Accession Number	P11226
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSAASERKA LQTEMARIKK WLTFSLGKQV GNKFLLTNGE IMTFEKV-KAL CVKFQASVAT PRNAAENGAI QNLIKEEAFL GITDEKTEGQ FVDLTGNRLT YTNWNEGEPN NAGSDEDCVL LLKNGQWNDV PCSTSHLAVC EFPI.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The MBL2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 20% glycerol and 0.2M NaCl. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**