9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

MBL2 Human

Mannose-Binding Lectin 2 Human Recombinant
RCP1331

Product Overview

Name	MBL2 Human
Description	
Mannose-Binding Lectin 2 Human Recombinant	
Accession (Primary)	P11226
Synonyms	
COLEC1, HSMBPC, MBL, MBL2D, MBP, MBP-C, MBP1, Mannose-binding protein C, Collectin-1, Mannan-binding protein, Mannose-binding lectin.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MBL2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 20% glycerol and 0.2M Nacl.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS AASERKA LQTEMARIKK WLTFSLGKQV GNKFFLTNGE IMTFEKVKAL CVKFQASVAT PRNAAENGAI QNLIKEEAFL GITDEKTEGQ FVDLTGNRLT YTNWNEGEPN NAGSDEDCVL LLKNGQWNDV PCSTSHLAVC EFPI.	
Precautions	

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MBL2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P11226)