

MBL2, 108-248aa, Human, His tag, E.coli

Cat.NO.: TP02923

3th Edition

Synonyms:Mannose-binding protein C, COLEC1, HSMBPC, MBL, MBL2D, MBP, MBP-C, MBP1

Description:Mannose-binding protein C, also known as MBL2, is a member of the collectin family of patternrecognition molecules. MBL2 is a secreted glycoprotein that is synthesized as a 248 amino acid precursor. The Protein recognizes mannose and N-acetylglucosamine on many microorganisms, and is capable of activating the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 20% glycerol, 0.2M NaCl

Molecular Weight:18 kDa (164aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSAASERKALQTEMARIKKWLTFSLGKQVGNKFFLTNGEIMTFEKVKALCVKFQ
ASVATPRNAAENGAIQNLIKEEAFLGITDEKTEGQFVDLTGNRLTYTNWNEGEPNNAGSDEDCVLLLKNGQWNDVP
CSTSHLAVCEFP

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.