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Datasheet for ABIN1098702
MBL2 Protein (AA 108-248) (His tag)

Overview

Quantity:	100 µg
Target:	MBL2
Protein Characteristics:	AA 108-248
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBL2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purity: > 85 % by SDS - PAGE

Target Details

Target:	MBL2
Alternative Name:	MBL2 (MBL2 Products)
Background:	<p>Mannose-binding protein C, also known as MBL2, is a member of the collectin family of pattern recognition 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.</p> <p>Recombinant human MBL2 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>

Target Details

Molecular Weight: 18 kDa (164aa)

NCBI Accession: [NP_000233](#)

UniProt: [P11226](#)

Pathways: [Complement System, Positive Regulation of Immune Effector Process](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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

Buffer: Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2M urea, 20% glycerol, 0.2M NaCl

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.