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Datasheet for ABIN7454181

**MBL2 Protein (AA 21-248) (His tag)**

## Overview

Quantity:	100 µg
Target:	MBL2
Protein Characteristics:	AA 21-248
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBL2 protein is labelled with His tag.

## Product Details

Purpose:	Human MBL2/Mannan Binding Lectin Protein
Sequence:	Glu21-Ile248
Characteristics:	Recombinant Human MBL2/Mannan Binding Lectin Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu21-Ile248.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	MBL2
Alternative Name:	MBL2 ( <a href="#">MBL2 Products</a> )

## Target Details

Background:	Mannan-binding lectin (MBL) is a vital element in the host innate immune system, which is primarily produced by the liver and secreted into the circulation. It is present in serum and may bind to a plethora of microbial pathogens and mediate opsonization of these by complement-dependent and/or independent mechanisms.
Molecular Weight:	25.11 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P11226</a>
Pathways:	<a href="#">Complement System</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months