Recombinant Human Mannan Binding Lectin/MBL protein (His tag) ab229367

Description

Product name: Recombinant Human Mannan Binding Lectin/MBL protein (His tag)

Purity: > 90% SDS-PAGE. ab229367 was purified by using conventional chromatography techniques.

Endotoxin level: < 1.000 Eu/µg

Expression system: Baculovirus infected insect cells

Accession: P11226

Protein length: Full length protein

Animal free: No

Nature: Recombinant

Species: Human

Sequence:

ADPETVTCED AQKTCPAVIA CSSPGINGFP GKDGRDGTKG EGEPGQQGLR GLQPPGKLG PPNPSPGS PGPKGOKGDP GKSPGDSSL AASERKALQT EMARIKKWLFT SLKQVGNK FFLTNGEIMTFEKVKALCVK FQASVATPRN AAENGAIQNLIKEEALGIT DEKTEQFVD LGNRLTYTN WNEGEPNNAG SDEDCEVLLLK NGQWNDVPCS TSHLAVCEFP IHHHHHH

Predicted molecular weight: 25 kDa including tags

Amino acids: 21 to 248

Tags: His tag C-Terminus

Additional sequence information: Full length mature chain without signal peptide.

Specifications

Our Abpromise guarantee covers the use of ab229367 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications: SDS-PAGE

Form: Liquid
This product was previously labelled as Mannan Binding Lectin

**Preparation and Storage**

**Stability and Storage**

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40
Constituents: PBS, 10% Glycerol

**General Info**

**Function**
Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylg glucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages. May bind DNA.

**Tissue specificity**
Plasma protein produced mainly in the liver.

**Involvement in disease**
Note=There is an association between low levels of MBL2 and a defect of opsonization which results in susceptibility to frequent and chronic infections.

**Sequence similarities**
Contains 1 C-type lectin domain.
Contains 1 collagen-like domain.

**Cellular localization**
Secreted.

**Images**

15% SDS-PAGE analysis of 3 µg Recombinant Human Mannan Binding Lectin/MBL protein (His tag) (ab229367).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"
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