



MBL2 Blocking Peptide

Synthetic peptide Catalog # BP9821a

Specification

MBL2 Blocking Peptide - Product Information

Primary Accession P11226

MBL2 Blocking Peptide - Additional Information

Gene ID 4153

Other Names

Mannose-binding protein C, MBP-C, Collectin-1, MBP1, Mannan-binding protein, Mannose-binding lectin, MBL2, COLEC1, MBL

Target/Specificity

The synthetic peptide sequence is selected from aa 210-221 of HUMAN MBL2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MBL2 Blocking Peptide - Protein Information

Name MBL2

Synonyms COLEC1, MBL

Function

Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin

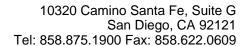
MBL2 Blocking Peptide - Background

This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. 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.

MBL2 Blocking Peptide - References

Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010)
Davila, S., et al. Genes Immun. (2010) In press

Dahl, M. Clin Respir J 3(2):121-122(2009) Garred, P., et al. Clin. Exp. Immunol. 90(3):517-521(1992)





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.

Cellular Location Secreted.

Tissue LocationPlasma protein produced mainly in the liver.

MBL2 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides