

Product Information

MemDX™ Antibody Discovery - Human CD20 / MS4A1 Full Length Membrane Protein, -His - Avi tag, [Biotin] (DDM)

Cat. No.: **MP1341F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human CD20 / MS4A1 Full Length. It has been tested in SDS-PAGE, ELISA, SPR, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

CD20 / MS4A1

Protein Length

Full Length

Molecular Weight

The protein has a calculated MW of 36.9 kDa. The protein migrates as 44 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Met 1 - Pro 297 (Accession # P11836-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA, SPR, BLI

Expression Systems

HEK293

Tag

His tag at the C-terminus followed by an Avi tag

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>90% as determined by SDS-PAGE.

Buffer

Delivered as bulk protein in a 0.2 μm filtered solution of 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

CD20 / MS4A1

Full Name

membrane spanning 4-domains A1

Introduction

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

Alternative Names

B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16; B-lymphocyte antigen CD20; B-lymphocyte cell-surface antigen B1; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; membrane-spanning 4-domains, subfamily A, member 1

Gene ID

[931](#)

UniProt ID

[P11836](#)