

# Product Information

## MemDX™ Membrane Protein Human MS4A1 (Membrane spanning 4-domains A1) without tag for Antibody Discovery

Cat. No.: **MP0714X**

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

This product is a 33.1 kDa Human MS4A1 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

MS4A1

#### Protein Length

Full-length

#### Molecular Weight

33.1 kDa

#### TMD

4

#### Sequence

MTTPRNSVNGTFPAEPMKGPIAMQSGPKPLFRMSSLVGPTQSFFMRESKTLGAVQIMNGLFHIALGGLLMIPAGIYAPICVTWYF

### Product Description

#### Application

Antibody Production

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

NO

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

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

**Gene ID**

[931](#)

**UniProt ID**

[P11836](#)