

Product Information

MemDX™ Membrane Protein Human MS4A3 (Membrane spanning 4-domains A3) Expressed in vitro *E.coli* expression system, Full Length

Cat. No.: **MPX2211K**

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

This product is a Human MS4A3 membrane protein expressed *in vitro* *E.coli* 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

MS4A3

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MASHEVDNAELGSASAHGTPGSEAGPEELNTSVYQPIDGSPDYQKAKLQVLGAIQILNAAMILALGVFL GSLQYPYHFQKHFFFFTF

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

MS4A3

Full Name

Membrane spanning 4-domains A3

Introduction

This gene encodes a member of the membrane-spanning 4A gene family. Members of this 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 family member likely plays a role in signal transduction and may function as a subunit associated with receptor complexes. The gene encoding this protein is localized to 11q12, among a cluster of related family members. Alternative splicing may result in multiple transcript variants; however, not all variants have been fully described.

Alternative Names

MS4A3.htm4; CD20L; membrane-spanning 4-domains subfamily A member 3; CD20 antigen homolog; CD20 antigen-like protein; IgE receptor beta chain; IgE receptor beta subunit; hematopoietic cell 4 transmembrane protein; hematopoietic-specific transmembrane protein 4; membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-specific); Membrane spanning 4-domains A3

Gene ID

[932](#)

UniProt ID

[Q96HJ5](#)