

Product Information

MemDX™ Membrane Protein Human MS4A12 (Membrane spanning 4-domains A12) for

Antibody Discovery

Cat. No.: **MP0716X**

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

This product is a 55.11 kDa Human MS4A12 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

MS4A12

Protein Length

Full-length

Molecular Weight

55.11 kDa

Sequence

MMSSKPTSHAEVNETIPNPYPSSFMAPGFQQPLGSINLENQAQGAQRAQPYGITSPGIFASSQPGQGNIQMINPSVGTAVMNFKE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

MS4A12

Full Name

Membrane spanning 4-domains A12

Introduction

The protein encoded by this gene is a cell surface protein found primarily in the apical membrane of colonocytes. Silencing of this gene in colon cancer cells inhibits the proliferation, cell motility, and chemotactic invasion of cells. This gene is part of a cluster of similar genes found on chromosome 11. Two transcript variants encoding different isoforms have been found for this gene

Alternative Names

Ms4a10

Gene ID

[54860](#)

UniProt ID

[Q9NXJ0](#)