

# Product Information

## **MemDX™ Membrane Protein Human MS4A7 (Membrane spanning 4-domains A7) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX2283K**

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

This product is a Human MS4A7 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

MS4A7

#### Protein Length

Full Length

#### Protein Class

Receptor

#### TMD

4

#### Sequence

MLLQSQTMGVSHSFTPKGITIPQREKPGHMYQNEDYLQNGLPTETTVLGTVQILCCLLISSLGAILVFAPYPSHFNPASTTLMSGYPP

### 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

MS4A7

#### Full Name

Membrane spanning 4-domains A7

#### Introduction

This gene encodes a member of the membrane-spanning 4A gene family, members of which are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns in hematopoietic cells and nonlymphoid tissues. This family member is associated with mature cellular function in the monocytic lineage, and it may be a component of a receptor complex involved in signal transduction. This gene is localized to 11q12, in a cluster of other family members. At least four alternatively spliced transcript variants encoding two distinct isoforms have been observed.

#### Alternative Names

MS4A7; CFFM4; MS4A8; 4SPAN2; CD20L4; membrane-spanning 4-domains subfamily A member 7; CD20 antigen-like 4; CD20/Fc-epsilon-RI-beta family member 4; four-span transmembrane protein 2; high affinity immunoglobulin epsilon receptor beta subunit; Membrane spanning 4-domains A7

#### Gene ID

[58475](#)

#### UniProt ID

[Q9GZW8](#)