

Product Information

NativeExtract™ Human MS4A1 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX477**

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

This product is recombinant Human MS4A1 protein in native nanodisc form. The synthetic compound we developed can solubilize the MS4A1 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

MS4A1

Protein Length

Full length

Molecular Weight

33.1 kDa

Sequence

Accession # [P11836](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -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

MS4A1; B1; S7; Bp35; CD20; FMC7; 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; Membrane spanning 4-domains A1

Gene ID

[931](#)

UniProt ID

[P11836](#)