

Recombinant Human MS4A1

Cat. No. MS4A1-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MS4A1 encoding human MS4A1 full-length ORF produced in in vitro wheat germ expression system with proprietary liposome technology.
Species	Human
Source	Wheat Germ
Description	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.
Sequence	MTTPRNSVNGTFPAEPMKGPIAMQSGPKPLFRMSSLVGPTQSFFMRES KTLGAV QIMNGLFHIALGGLLMIPAGIYAPICVTWYPLWGGIMYIISGSLAA TEKNSRKCLVK GKMIMNSLSLFAAISGMILSIMDILNIKISHFLKMESLNFIRA HTPYINIYNCEPANPSEK NSPSTQYCYISIQSLFLGILSVMLIFAFFQELVIAGI VENEWKRTCSRPKSNIVLLSAEE KKEQTIEIKEEVVGLTETSSQPKNEEDI EIPIQEEEEEEETETNFPEPPQDQESSPIEN DSSP
MolecularWeight	33.1kDa

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

Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [MS4A1 membrane-spanning 4-domains, subfamily A, member 1 \[Homo sapiens \]](#)

Official Symbol MS4A1

Synonyms MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16; B-lymphocyte antigen CD20; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1; MGC3969; OTTHUMP00000236377; OTTHUMP00000236378

Gene ID [931](#)

mRNA Refseq [NM_021950](#)

Protein Refseq [NP_068769](#)

MIM [118910](#)

UniProt ID P11836

Chromosome Location 11q12

Pathway Hematopoietic cell lineage

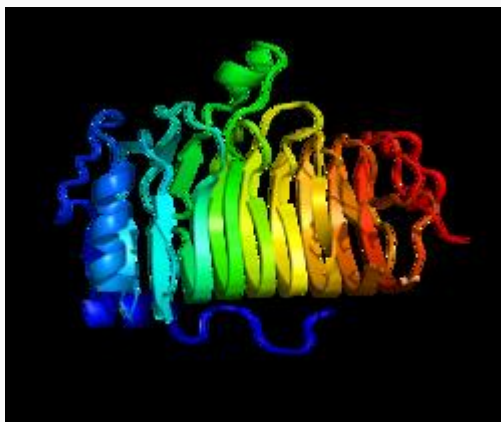
Function epidermal growth factor receptor binding

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Rendering based on
PDB 1S8B.



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