

Recombinant Human MS4A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MS4A1-1649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MS4A1 MS Standard C13 and N15-labeled recombinant protein (NP_068769) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	33.1 kDa
AA Sequence	MTTPRNSVNGTFPAEPMKGPIAMQSGPKPLFRMSSLVGPTQSFFMRESKTLGAV QIMNGLFHIALGGLLMIPAGIYAPICVTWYPLWGGIMYIISGSLAATEKNSRKCLVK GKMIMNSLSLFAAISGMILSIMDILNIKISHFLKMESLNFIRAHTPYINIYNCEPANPSEK NSPSTQYCYISQSLFLGILSVMLIFAFFQELVIAGIVENEWKRTCSRPKSNIVLLSAEEK KEQTIEIKEEVVGLTETSSQPKNEEDIEIPIQEEEEETETNFPEPPQDQESSPIENDS

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SPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MS4A1 membrane spanning 4-domains A1 [Homo sapiens (human)]
Official Symbol	MS4A1
Synonyms	MS4A1; membrane-spanning 4-domains, subfamily A, member 1; CD20; B-lymphocyte antigen CD20; B1; Bp35; MS4A2; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1; S7; CVID5; LEU-16; MGC3969;
Gene ID	931
mRNA Refseq	NM_021950
Protein Refseq	NP_068769
MIM	112210

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UniProt ID

P11836

SDS-PAGE

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