

Recombinant Human MS4A1 Protein (Met1-Pro297), His tagged

Cat. No. MS4A1-5319H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human MS4A1 (Met1-Pro297) fused with His tag was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1-Pro297 |
| Description | B-lymphocyte-specific membrane protein that plays a role in the regulation of cellular calcium influx necessary for the development, differentiation, and activation of B-lymphocytes. Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the B-cell receptor/BCR. |
| Form | Lyophilized powder/frozen liquid |
| Molecular Mass | 31.18 kDa |
| Purity | >90% as determined by SDS-PAGE. |
| Notes | For research use only. |
| Storage | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |

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| Storage Buffer | Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5. |
| Reconstitution | Reconstitute in sterile water for a stock solution. |
| Shipping | They are shipped out with dry ice/blue ice unless customers require otherwise. |
| GENE INFORMATION | |
| Gene Name | MS4A1 membrane-spanning 4-domains, subfamily A, member 1 [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 |
| UniProt ID | P11836 |

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