

Product datasheet for **SC125718**

MS4A5 (NM_023945) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MS4A5 (NM_023945) Human Untagged Clone
Tag:	Tag Free
Symbol:	MS4A5
Synonyms:	CD20-L2; CD20L2; TETM4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_023945 edited CAGGCAGCCTCAGCACAGAAAAGAACATGGTCTAGACTGAAGTACCAACTAAATCATCT CCTTTCAAATTATCACCGACACCATCATGGATTCAAGCACCGCACACAGTCCGGTGTTC TGGTATTTCTCCAGAAATCACTGCTTCAGAATATGAGTCCACAGAACTTCAGCCACGA CCTTTTCAACTCAAAGCCCTTGCAAAAATTATTTGCTAGAAAAATGAAAATCTTAGGGA CTATCCAGATCCTGTTTGGAAATTATGACCTTTCTTTGGAGTTATCTTCCTTTTACCT TGTTAAAACCATATCCAAGGTTTCCCTTATATTTCTTTCAGGATATCCATTCTGGGGCT CTGTTTTGTTTCAATTAATTCTGGAGCCTTCTAATTGCAGTGAAAAGAAAAACCACAGAAA CTCTGATAATATTGAGCCGAATAATGAATTTTCTTAGTGCCTGGGAGCAATAGCTGGAA TCATTCTCCTCACATTTGGTTTCATCCTAGATCAAACTACATTTGTGGTTATTCTCACC AAAATAGTCAGTGAAGGCTGTTACTGCTGTTCTTGGGAATTTTGATTACATTGATGA CTTTCAGCATTATTGAATTATTCATTTCTCTGCCTTTCTCAATTTGGGGTGCCACTCAG AGGATTGTGATTGTGAACAATGTTGTTGACTAGCACTGTGAGAATAAAGATGTGTTAAAA TAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_023945 unedited TCTTTGGATTTGTATACGACTTATATAGGCGGCCGGAATAGATCTGGTACCGGTCCGAT TCCCGGGATCAGCACCTCACACAGAAAGAACATGGTCTAGACTGAAGTACCAACTAAATC ATCTCCTTTCAAATTATCACCGACACCATCATGGATTCAAGCACCGCACACAGTCCGGTG TTTCTGGTATTTCTCCAGAAATCACTGCTTCAGAATATGAGTCCACAGAACTTTCAGCC ACGACCTTTTCAACTCAAAGCCCCTTGCAAAAATATTTGCTAGAAAAATGAAAACTTA GGGACTATCCAGATCCTGTTTGGAAATTAGACCTTTTCTTTGGAGTTATCTTCCTTTTC ACCTTGTTAAAACCATATCCAAGGTTTCCCTTTATATTTCTTTTCAGGATATCCATTCTGG GGCTCTGTTTTGTTCAATTAATTCTGGAGCCTTCCTAATTGCAGTAAAAGAAAAACCACA GAAACTCTGATAATATTGAGCCGAATAATGAATTTTCTTAGTGCCTGGGAGCAATAGCT GGAATCATTCTCCTCACATTTGGTTTCATCCTAGATCAAACTACATTTGTGGTTATTCT CACCAAAATAGTCAGTGAAGGCTGTTACTGCTCTGTTCTTGGGAATTTTGATTACATTG ATGACTTTCAGCATTATTGAATTATTCATTTCTCTGCCTTCTCAATTTGGGGTGCCACT CAGAGGATTGTGATTGTGAAACATGNTGTTGACTAGCACTGTGAGAATAAAGATGTGTTA ANNTNNNNANANNNNNANANNNNNNNNAGGGCCGCCNGGTCACTNNTTCCGG CACCCATCCCGGTGGCATCCCTGGAACCATCCCGGTGGCATTCTGGCCGTAAC TGCC TTCTTGGGCCAGAAATTTGCCATCAA
Restriction Sites:	Please inquire
ACCN:	NM_023945
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_023945.2 , NP_076434.2
RefSeq Size:	762 bp
RefSeq ORF:	603 bp
Locus ID:	64232
UniProt ID:	Q9H3V2
Cytogenetics:	11q12.2
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

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. Though this member is not expressed in hematopoietic cells specifically, it may be involved in signal transduction like many of its related family members. The gene encoding this protein is localized to 11q12, among a cluster of family members. [provided by RefSeq, Jul 2008]