

Product datasheet for **SC123003**

MS4A8B (MS4A8) (NM_031457) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MS4A8B (MS4A8) (NM_031457) Human Untagged Clone
Tag: Tag Free
Symbol: MS4A8B
Synonyms: 4SPAN4; CD20L5; MS4A4; MS4A8B
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_031457 edited
GGGGATCCTTCTAACCTACCACCAACTGGCCCCAGTACATTCTCTCAGGAAAAA
AAAACAAGGTCCCACAGCAAAGAAAAGGAATAGGATCAAGAGATACGTGGCTGCTGGCA
GAGCAAGCATGAATTCGATGACTTCAGCAGTTCGGTGGCCAATTCTGTGTTGGTGGTGG
CACCCCAATGTTATCCTGTGACCCAGGAATTATGTCTCACGTGCCCTGTATCCAA
ACAGCCAGCCGCAAGTCCACCTAGTTCCTGGAAACCCACCTAGTTTGGTGTGCAATGTGA
ATGGGCAGCCTGTGCAGAAAGCTCTGAAAGAAGGCAAAACCTTGGGGGCCATCCAGATCA
TCATTGGCCTGGCTCGCATCGGCCTCGGCTCCATCATGGCGACGGTTCTCGTAGGGGAAT
ACCTGTCTATTTCTACGGAGGCTTCCCTTCTGGGGAGGCTTGTGGTTTATCATT
CAGGATCTCTCCGTGGCAGCAGAAAAATCAGCCATATTCTTATTGCCTGCTGTCTGGCA
GTTTGGGCTTGAACATCGTCAGTCAATCTGCTCTGCAGTTGGAGTCATACTCTTCATCA
CAGATCTAAGTATTCACCACCATATGCCTACCCCGACTATTATCCTTACGCCTGGGGTG
TGAACCTGGAATGGCGATTTCTGGCGTCTGCTGGTCTTCTGCCTCCTGGAGTTTGCA
TCGCATGCGCATCTTCCCACTTTGGCTGCCAGTTGGTCTGCTGTCAATCAAGCAATGTGA
GTGTCTATATCCAAACATCTATGCAGCAAACCCAGTGATCACCCAGAACCAGTACCT
CACCACCAAGTTATTCAGTGAGATCCAAGCAAATAAGTAAGGCTACAGATTCTGGAAAGC
ATCTTTCACTGGGACAAAAGAAGTCTCCTCCCTTTCTGGGCTTCCATAACCCAGGTCG
TTCCTGTTCTGACAGCTGAGGAAACGTCTCTCCCACTGTTTGTACTCTCACCTTCATTCT
TCAATTCAGTCTAGGAAACCATGCTGTTTCTCTATCAAGAAGAAGACAGAGATTTAAAC
AGATGTTAAACCAAGAGGACTCCCTAGGGCACATGCATCAGCACATATGTGGGCATCCAG
CCTCTGGGGCCTTGGCACACACATTCTGTGCTCTGCTGCATGTGAGCTTGTGGGTTA
GAGGAGCAAATATCTAGACATTCAATCTTCACTTTTCAATTGTGCATTCATTTAATAAA
TAGATACTGAGCATACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031457 unedited AGTCCAGAATTTTGAATACGACTTCACTATAGGGCGGCCGCGATTTCGGCCATTACGGCC GGGGATCCTTCTAACCTACCACCAACTGGCCCCAGTACATTATTCTCTCAGGAAAAA AAAACAAGGTCCCACAGCAAAGAAAAGGAATAGGATCAAGAGATACGTGGCTGCTGGCA GAGCAAGCATGAATTCGATGACTTCAGCAGTCCGGTGGCCAATTCTGTGTTGGTGGTGG CACCCACAATGGTTATCCTGTGACCCAGGAATTATGTCTCACGTGCCCTGTATCCAA ACAGCCAGCCGCAAGTCCACCTAGTTCCTGGGAACCCACCTAGTTTGGTGTGCAATGTGA ATGGGCAGCCTGTGCAGAAAGCTCTGAAAGAAGGCAAAACCTTGGGGCCATCCAGATCA TCATTGGCCTGGCTCGCATCGGCCCTCGGCTCCATCATGGCGACGTTCTCGTAGGGGAAT ACCTGTCTATTTCACTTACGGAGGCTTCCCTTCTGGGGAGGCTTGTGGTTTATCATT CAGGATCTCTCCGTGGCAGCAGANAATCAGCCATATTCTTATTGCCTGCTGTCTGGCA GTTTGGGCTTGAACATCGTCAGTGCAATCTGCTCTGCAGTTGGAGTCATACTCTTCATCA CAGATCTAAGTATCCCCACCCATATGCCTACCCGACTATTATCCTTACGCCTGGGGTG TGAACCCTGGAATGGCGATTTCTGGCGTCTGCTGGTCTTCTGCCCTCTGGAGTTTGGCA TCGCATGCGCATTTCCACTTTGGCTGCCAGTTGGTCTGCTGTCAATCAAGCAATGTGAG TGTC AATCTATCCAACATCTATGCCGCAAACAGTGGATCCCCCAAACCGGTGGACC CACCCACCAAGTATTTCCGTGGGATC
Restriction Sites:	Please inquire
ACCN:	NM_031457
Insert Size:	1305 bp
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_031457.1 , NP_113645.1
RefSeq Size:	1369 bp
RefSeq ORF:	753 bp
Locus ID:	83661
UniProt ID:	Q9BY19
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 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. The gene encoding this protein is localized to 11q12.3, among a cluster of family members. [provided by RefSeq, Jul 2008]