

Product datasheet for **SC111835**

MS4A6A (NM_152852) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MS4A6A (NM_152852) Human Untagged Clone
Tag:	Tag Free
Symbol:	MS4A6A
Synonyms:	4SPAN3; 4SPAN3.2; CD20L3; CDA01; MS4A6; MST090; MSTP090
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152852 edited
 GAATTCGGCAGGAGGGGAATAAGGAAGGGCTGATGACTTTCAGAAGATGAAGGTAAGTAG
 AAACCGTTGATGGGACTGAGAAACAGAGTTAAAACCTCTTTGGAGCTTCTGAGGACTCA
 GCTGGAACCAACGGGCACAGTTGGCAACACCATCATGACATCACAACTGTTCCCAATGA
 GACCATCATAGTCTCCCATCAAATGTCATCAACTTCTCCCAAGCAGAGAAACCCGAACC
 CACCAACAGGGGAGGATAGCCTGAAGAAACATCTACACGCAGAAATCAAAGTTATTGG
 GACTATCCAGATCTTGTGTGGCATGATGGTATTGAGCTTGGGGATCATTGTCATCTGC
 TTCCTTCTCCAAATTTTACCCAAGTGACTTCTACACTGTTGAACTCTGCTTACCCATT
 CATAGGACCTTTTTTTTTATCATCTCTGGCTCTATCAATCGCCACAGAGAAAAGGTT
 GACCAAGCTTTTGGTGCATAGCAGCCTGGTTGGAAGCATTCTGAGTCTGTCTGCGCCT
 GGTGGGTTTCATTATCCTGTCTGTCAAACAGGCCACCTTAAATCCTGCCTCACTGCAGTG
 TGAGTTGGACAAAATAATATACCAACAAGAAGTTATGTTTCTTACTTTTATCATGATTC
 ACTTTATACCACGGACTGCTATACAGCCAAAGCCAGTCTGGCTGGAACCTCTCTCTGAT
 GCTGATTTGCACTCTGTGGAATTCTGCCTAGCTGTGCTCACTGTGTGCTGCGGTGGAA
 ACAGGCTTACTCTGACTTCCCTGGGAGTGTACTTTTCTGCCTCACAGTTACATTGGTAA
 TTCTGGCATGTCCTCAAAAATGACTCATGACTGTGGATATGAAGAATATTGACTTCTTA
 AGAAAAAGGGAGAAATATTAATCAGAAAGTTGATTCTATGATAATATGGAAAAGTTAAC
 CATTATAGAAAAGCAAAGCTTGAGTTTCTAAATGTAAGCTTTTAAAGTAATGAACATTA
 AAAAAACCATTATTTCACTGTCAAAAAAAAAAAAAAAAAAACTCGAC



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152852 unedited GGTGAGGATTAGTATACGACTCATATAGGGCGGCCGGAATCGGCACGAGGGGAATAAGG AAGGGCTGATGACTTTCAGAAGATGAAGGTAAGTAGAAACCGTTGATGGGACTGAGAAAC CAGAGTTAAAACCTCTTTGGAGCTTCTGAGGACTCAGCTGGAACCAACGGGCACAGTTGG CAACACCATCATGACATCACAACCTGTTCCCAATGAGACCATCATAGTGTCCCATCAAA TGTCATCAACTTCTCCCAAGCAGAGAAAACCCGAACCCACCAACAGGGGCAGGATAGCCT GAAGAAACATCTACACGCAGAAATCAAAGTTATTGGGACTATCCAGATCTTGTGTGGCAT GATGGTATTGAGCTTGGGATCATTGTCATCTGCTTCTTCTCCAATTTTACCCA AGTGACTTCTACACTGTTGAACCTGCTTACCCATTCATAGGACCCTTTTTTTTATCAT CTCTGGCTCTCTAATCGCCACAGAGAAAAGGTTGACCAAGCTTTTGGTGCATAGCAG CCTGGTTGGAAGCATTCTGAGTGTCTGTCTGCCCTGGTGGGTTTCATTATCCTGTCTGT CAAACAGGCCACCTANATCCTGCCTCACTGCAGTGTGAGTTGGACAAAAATAATATAACC AACAGAAGTTATGTTTCTTACTTTTATCATGATTCACCTTATACCACGGACTGTATAC AGCCAAAGCCAGTCTGGCTGGGACTCTCTCTGATGCTGATTTGCACTCTGCTGGGATT CTGCCTAGCTGTGCTCACTGCTGTGCTGCGCCGAAACAGGCTTACTCTGACTTCCCTGG GAGTGTACTTTTCTGCCTTACAGATACATTGGTAAATCTGGCATGTCCCTCAAAGACT CATGACTGTGGATATGAAGAACTATGGACTTCTTAAG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152852 unedited CGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTGTGACAGTGAATATGGTTTTTTTTTAA TGTTCTACTTTAAAGCTTACATTTAGGAACTCAAGCTTTGCTTTTCTATAATGGTTA ACTTTTCCATATTATCATAAGAATCAACTTTCTGATTAATATTTCTCCCTTTTTTCTTAA GAAGCCAATAGTCTTTCATATCCACAGTCATGAGTCATTTTTGAGGACATGCCAGAATTA CCAATGTAAGTGTGAGGCAGGAAAAGTACACTCCAGGGAAGTCACAGTAAGCCTGTTTT CACCGCAGCACAGCAGTGAAGCAGCTAGGCAGATTCCAGCAGAGTGCATATCATTATC AGAGAGAGAGTTCAGCCAGACTGGCTTTGGCTGCATAGCAGCCCGTGGTATAAAGCGAA TCATGATAAAAAGTAAGAAACATAACTTCTTGGTGGTATATCATTTTTGGCCAACCTCACAC TGCAGTGAGGCAGGATTTAAGGTGGCCTGTTGACAGACAGGATAATGAAACCCACCAGG GCAGACAGAGCACTCAGAATGCTTGCAACCATGCTGCTATGCACAAAAGCTTGGACAAC CTTCTCTGCGGCGATTGATACAGAGCCAGAGATGATCAAAAAAGGGTCCATGAATG GGTAAGCCGAGGTCCACCAAGGTAAGAAGTCACTTGGGTAATAATCGAAGAGGAAGAAGCC AGATGCCAATGATCCCCAAGCTAATACCCTCATGCCACAGGAACCGGATAGCCCCA ATACCTTTGATTTGCGGCGCAGAGGTTTCTTCAAGCCTATCCTGGCCCTGGTTGACGGG CTCCGGGTTCTCTCGCTCGGCAGAAAGTGGTGACCTCTGGTGGCACCCCTTGGGGCCCTT GGGACAAGGTGGCAGGTCTGAGGGGGTCCACCGGGCCCGTGGTCCCTCGGTCCCAGAG AGACTCAGAAGGTTAACCTTGTCTTCTACGCAACAAGGTTCTCTCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_152852
Insert Size:	1100 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:

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_152852.1](#), [NP_690591.1](#)

RefSeq Size: 1564 bp

RefSeq ORF: 747 bp

Locus ID: 64231

UniProt ID: [Q9H2W1](#)

Cytogenetics: 11q12.2

Domains: CD20

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. The gene encoding this protein is localized to 11q12.1, among a cluster of family members. Alternative splicing of this gene results in several transcript variants that encode different protein isoforms. [provided by RefSeq, Oct 2011]
Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.