

Product datasheet for **SC321118**

MS4A4A (NM_148975) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MS4A4A (NM_148975) Human Untagged Clone
Tag:	Tag Free
Symbol:	MS4A4A
Synonyms:	4SPAN1; CD20-L1; CD20L1; HDCME31P; MS4A4; MS4A7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_148975.1
AGAGCCCTGCATGCATCAGACCTACAGCAGACATTGCAGGCCCTGAAGAAAGCACCTTTTC
TGCTGCCATGACAACCATGCAAGGAATGGAACAGGCCATGCCAGGGCTGGCCCTGGTGT
GCCCCAGCTGGGAAACATGGCTGCATACATTCACATCTGTGGAAGGATTGCAAGAGAA
GTTCTTGAAGGGAGAACCCAAAGTCCTTGGGGTTGTGCAGATTCTGACTGCCCTGATGAG
CCTTAGCATGGGAATAACAATGATGTGTATGGCATCTAATACTTATGGAAGTAACCTAT
TTCCGTGTATATCGGGTACACAATTTGGGGTCAAGTAATGTTTATTATTTTCAGGATCCTT
GTCAATTGCAGCAGGAATTAGAATAACAAAAGGCCTGGTCCGAGGTAGTCTAGGAATGAA
TATCACCAGCTCTGACTGGCTGCATCAGGGATCTTAATCAACACATTTAGCTTGGCGTT
TTATTCATTCCATCACCCTTACTGTAATACTACTATGGCAACTCAAATAATTGCATGGGAC
TATGTCCATCTTAATGGGTCTGGATGGCATGGTGTCTCTTAAGTGTGCTGGAATTCTG
CATTGCTGTGCCCTCTCTGCCTTTGGATGTAAAGTGTCTGTTGTACCCCTGGTGGGGT
TGTGTTAATTCTGCCATCACATTCTCACATGGCAGAAACAGCATCTCCCACACCCTTAA
TGAGGTTTGAGGCCACCAAAAAGATCAACAGACAAATGCTCCAGAAATCTATGCTGACTGT
GACACAAGAGCCTCACATGAGAAATTACCAGTATCCAACCTTCGATACTGATAGACTTGT
GATATTATTATTATGTAATCCAATTATGAACTGTGTGTATAGAGAGATAATAAATT
CAAAATTATGTTCTATTTTTTCCCTGGAACTCAATAACTCATTTCAGTGGCTCTTTAT
CGAGAGTACTAGAAGTTAAATTAATAAATAATGCATTTAATGAGGCAACAGCACTTGAAA
GTTTTTCATTCATCATAAGAACCTTTATATAAAGGCATTACATTGGCAAATAAGGTTTGG
AGCAGAAGAGCAAAAAAAGATATTGTTAAATGAGGCCTCCATGCAAAACACATACTTC
CCTCCCATTTTAACTTTTTTTTTCTCCTACCTATGGGGACCAAGTGCTTTTTCTCTT
CAGGAAGTGGAGATGCATGGCCATCTCCCCCTCCCTTTTTCTTCTCCTGTTTTCTTTT
CCCATAGAAAGTACCTTGAAGTAGCACAGTCCGTCCTTGCATGTGCACGAGCTATCATT
GAGTAAAAGTATACATGGAGTAAAAATCATATTAAGCATCAGATTCAACTTATATTTTCT
ATTTTCATCTTCTCTTTCCCTTCTCCACCTTCTACTGGGCATAATTATATCTTAATCA
TATATGGAATGTGCAACATATGGTATTTGTTAAATACGTTTGTATTTTATTGCAGAGCAA
AAATAAATCAAATTAAGAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Sfil-Sfil
ACCN:	NM_148975
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_148975.1</u> , <u>NP_683876.1</u>
RefSeq Size:	1543 bp
RefSeq ORF:	720 bp
Locus ID:	51338
UniProt ID:	<u>Q96JQ5</u>
Cytogenetics:	11q12.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features, similar intron/exon splice boundaries, and display unique expression patterns in hematopoietic cells and nonlymphoid tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript, and encodes the longest isoform (1).</p>