

Product datasheet for **SC308334**

MS4A7 (NM_206939) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MS4A7 (NM_206939) Human Untagged Clone
Tag:	Tag Free
Symbol:	MS4A7
Synonyms:	4SPAN2; CD20L4; CFFM4; MS4A8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308334 representing NM_206939. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCTATTACAATCCCAAACCATGGGGTTTCTCACAGCTTTACACCAAAGGGCATCACTATCCCTCAA
AGAGAGAAACCTGGACACATGTACCAAAACGAAGATTACCTGCAGAACGGGCTGCCAACAGAAACCAC
GTTCTTGGGACTGTCCAGATCCTGTGTTGCCTGTTGATTTCAGTCTGGGGCCATCTGGTTTTTGCT
CCCTACCCCTCCCACTTCAATCCAGCAATTTCCACCACTTTGATGTCTGGGTACCCATTTTTAGGAGCT
CTGTGTTTTGGCATTACTGGATCCCTCTCAATTATCTCTGAAAACAATCAACTAAGCCCTTTGACCTG
AGCAGCTTGACCTCAAATGCAGTGAGTTCTGTTACTGCAGGAGCAGGCCCTTTCCTCTTGCTGACAGC
ATGGTAGCCCTGAGGACTGCCTCTCAACATTGTGGCTCAGAAATGGATTATCTATCCTCATTGCCTTAT
TCGGAGTACTATTATCCAATATATGAAATCAAAGATTGTCTCCTGACCAGTGTCAGTTTAAACAGGTGC
CTAGTGGTGATGCTCATCTTCACTGTGCTGGAGCTTATTAGCTGCATACAGTTCTGTCTTTGGTGG
AAACAGCTCTACTCCAACAACCTGGGAGTTCAATTTTCTCGACCCAGTCACAAGATCATATCCAACAG
GTCAAAAAGAGTTCTTACGGTCTTGGATTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_206939
Insert Size:	723 bp



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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:	NM_206939.1
RefSeq Size:	2976 bp
RefSeq ORF:	723 bp
Locus ID:	58475
UniProt ID:	Q9GZW8
Cytogenetics:	11q12.2
Protein Families:	Druggable Genome, Transmembrane
MW:	26.1 kDa
Gene Summary:	<p>This gene encodes a member of the membrane-spanning 4A gene family, members of which are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns in hematopoietic cells and nonlymphoid tissues. This family member is associated with mature cellular function in the monocytic lineage, and it may be a component of a receptor complex involved in signal transduction. This gene is localized to 11q12, in a cluster of other family members. At least four alternatively spliced transcript variants encoding two distinct isoforms have been observed. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) uses an alternative splice site for the first exon compared to variant 1. Both variants 3 and 1 encode the same isoform (1).</p>