

Product datasheet for **SC308335**

MS4A7 (NM_206940) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MS4A7 (NM_206940) Human Untagged Clone
Tag:	Tag Free
Symbol:	MS4A7
Synonyms:	4SPAN2; CD20L4; CFFM4; MS4A8
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_206940, the custom clone sequence may differ by one or more nucleotides ATGCTATTACAATCCCAAACCATGGGGTTTCTCACAGCTTTACACCAAAGGGCATCACT ATCCCTCAAAGAGAGAAACCTGGACACATGTACCAAACGAAGATTACCTGCAGAACGGG CTGCCAACAGAAACCACCGTTCTTGGGTTTGGCATTACTGGATCCCTCTCAATTATCTCT GGAAAACAATCAACTAAGCCCTTTGACCTGAGCAGCTTGACCTCAAATGCAGTGAGTTCT GTTACTGCAGGAGCAGGCCTCTTCCTCCTTGCTGACAGCATGGTAGCCCTGAGGACTGCC TCTCAACATTGTGGCTCAGAAATGGATTATCTATCCTCATTGCCTTATTCGGAGTACTAT TATCCAATATATGAAATCAAAGATTGTCTCCTGACCAGTGTGAGTTAACAGGTGTCCTA GTGGTGATGCTCATCTTCACTGTGCTGGAGCTCTTATTAGCTGCATACAGTTCTGTCTTT TGGTGAAACAGCTCTACTCCAACAACCCTGGGAGTTCATTTTCTCGACCCAGTCACAA GATCATATCCAACAGGTCAAAAAGATTCTTACGGTCTTGGATATAA
Restriction Sites:	Please inquire
ACCN:	NM_206940
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).



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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_206940.1, NP_996823.1</u>
RefSeq Size:	2841 bp
RefSeq ORF:	588 bp
Locus ID:	58475
UniProt ID:	<u>Q9GZW8</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 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 (4) uses an alternate splice site for the first exon and lacks an in-frame coding exon compared to variant 1. The resulting isoform (2) lacks an internal region, as compared to isoform 1. Variants 4 and 2 encode the same isoform (2).</p>