

Product datasheet for **SC123275**

MS4A15 (NM_152717) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MS4A15
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152717 edited
 ATCGCCTTGAAGTTACGCTTGAAGGAGGAAAACTCATCAATTTTCGGGGAATCCCGGCTT
 TGGCAGCGTGCTGCTCATGGTTCGCGCGGCCACGTGGGCATCTTCTTCATCGAGGGCGG
 CGTCCCCTTCTGGGAGGAGCCTGCTTCATCATCTCCGGATCCCTCTCAGTGGCAGCCGA
 GAAGAACCAACACAGTTGCCCTGGTGAGGAGCAGCCTGGGCACCAACATCCTCAGCGTCAT
 GGCGGCTTTGCTGGGACAGCATTCTGCTCATGGATTTTGGTGTTACCAACCGGGATGT
 GGACAGGGGCTATCTGGCCGTGCTTACTATCTTCACTGTCTGGAGTTCTTCACAGCGGT
 CATTGCCATGCACCTTCGGGTGCCAAGCCATCCATGCCAGGCCAGTGCACCTGTGATCTT
 CCTGCCAAACGCCTTCAGCGCAGACTTCAACATCCCCAGCCCGGCAGCCTCTGCGCCCCC
 TGCCTATGACAATGTGGCATATGCCCAAGGAGTCGTCTGAGTAGCAGATGTGGCACCTGC
 GGGTGGAGTCCAGCCTTTTCCCTCTGGGCCAGCCTCTCCCCACCCCCACCTTGTTCATC
 AGGGGCCAGCCCCATCCCAGCTGCCCTCCCTCACCACATCTACACATACTCCGGCATCTG
 AGTGAAGTGTCCCGAGGACATCTCTCCACACTTTCCCGAGTGCTTTCTTTCTAAAAGA
 CACCGGGCTGACGTGAGGGGTGTGTCTTCTCAGCTCCCTGAGCCCTGTCAACCTTCCAG
 GACACCCACCTTGTGCATCTAAGCATTTCTCTGCTCATTGGGGAATCCTGGCCTCATTG
 GAGACTCAGGTTGAGGCCTGCCCTGACCCTCGGGCTCGGGAAGGTGAGAGAGCCCGGA
 ATCCTCCAGAATGGAAGAGTCTGACTCTGGCATTCCACAGAGGTGCCGATACCAGGCCAA
 GGCTCACAGCAGGGTAGTGGCTGGCCGAGGTCTCCTGGCCCCAAGATCAGCTCTGTC
 CTTTGTCTGTTGCCACATCCATGGAACCTCAGGTTTCTATTTGAAACTAGAGTGTT
 GAACCATAGTAAGGTTATCAGGCCCTTCCAGCTCCCCAGGCTCCCTGAAGTCTGGGTCT
 AGGCCAGGCATTGTCCCCTGCTTCTGGAACCCCTCATTTTCTTGTCTGTAATATGAA
 GTCAGCATTGGCCCCGCCCCCACCCTACCCTCTCCAATGGAGGGGAGGTTGCAGGG
 GAGAGTGTCCGCCAGCCACTCCTGAGGCACCAACAGTCAGCATCGACAGGGGCACAG
 CAGTGGCAGTTTGGGACCTCCCTGTGCTCTCAGCACTCCCTCCCCACCCCATAGCCC
 AAGGACAAGGCTACCACAGAAGGTTACCACAGGACCTGGGCTTCGTCTCAGGGGACAAG
 GAGACACTGTGAGCCTGGTGTTCACCAGGCCTGGTAGATGAGATGGCTTGTCTCATCCAC
 ACCACAGAAGGAAATAAACCATGTGGCTTAAATTTTAAAAAAAAAAAAAAAAAAAAA



5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152717 unedited <pre> CCAAATTTTGTAACTACGACTCACTATAGGGCGGCCGCAATTCCTGGGATATCGCCTTGA AGTTACGCTTGAAGGAGGAAAACTCATCAATTTTCGGGAATCCCGGCTTTGGCAGCGTG CTGCTCATGTTTCGCCGCGGCCACGTGGGCATCTTCTTCATCGAGGGCGGCGTCCCTTC TGGGGAGGAGCCTGCTTCATCATCTCCGGATCCCTCTCAGTGGCAGCCGAGAAGAACCAC ACCAGTTGCCTGGTGGAGGAGCAGCCTGGGCACCAACATCCTCAGCGTCATGGCGGCCTTT GCTGGGACAGCCATTCTGCTCATGGATTTTGGTGTACCAACCGGATGTGGACAGGGGC TATCTGGCCGTGCTTACTATCTTCACTGTCTGGAGTTCTTCACAGCGGTCATTGCCATG CACTTCGGGTGCCAAGCCATCCATGCCAGGCCAGTGACACCTGTGATCTTCCTGCCAAAC GCCTTCAGCGCAGACTTCAACATCCCCAGCCCGGCAGCCTCTGCGCCCCCTGCCTATGAC AATGTGGCATATGCCCAAGGAGTCGTCTGAGTAGCAGATGTGGACCTGCGGGTGGAGTC CAGCCTTTTCCCTCTGGGCCAGCCTCTCCCAACCCACCTTGTTTCATCAGGGGCCAGCC CCATCCNNAGCTGCCCTCTCACCACATCTACACATACTCCGGCATCTGAGTGAAATGTC CCCAGGGACATCTCTCCACACTTTCCCAAGTGCCTTTCTTCTAAAGACACCGGGCTGA CGTCAGGGGTGTGGTGTCTTCACTCCCTGAGCCCTGTACCCTTCCAGGACACCCCTT GGGGCATCTAACCTTTCTTGCCTCATGGGGAATCCTGGGCCTCATGGAGACTCAAGTT CAAGCTGCCTTGAACCTCGGGCCTCCGGAAGGCAAAAGACCCGG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_152717
Insert Size:	1557 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_152717.1</u> , <u>NP_689930.1</u>
RefSeq Size:	1557 bp
RefSeq ORF:	444 bp
Locus ID:	219995

UniProt ID: [Q8N5U1](#)

Cytogenetics: 11q12.2

Protein Families: Druggable Genome, Transmembrane

Gene Summary: May be involved in signal transduction as a component of a multimeric receptor complex.
 [UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) lacks an internal segment in the 5' region and initiates translation at a downstream start codon, compared to variant 1. The resulting isoform (2) has a shorter N-terminus, compared to isoform 1.