

## Product datasheet for **MC210201**

### Ms4a4b (NM\_021718) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ms4a4b (NM_021718) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ms4a4b
Synonyms:	AI463180; Chandra; Ly116
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210201 representing NM_021718 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCAAGGACAGGAACAGACCACCATGGCAGTGGTTCCTGGAGTTGCTGTGCCTCAAAGAATTCTGTTA  
TGACATCACAAATGTGGAATGAGAAGAAAGAGAAATTCCTGAAGGGGAACCCAAAGTCCTGGGGTTTT  
ACAAGTGATGATTGCTATCATAACCTCAGCTTAGGAATAATAATTTTGACAACTTTATTTCTGAACTA  
CCCCTCAGTGATGTTAATGGTCCAATTTGGGGATCAATAATGTTTCATTGTCTCCGGATCCCTGTCCA  
TTGCAGCAGGAGTGACACCTACAAAATGCCTGATCGTTGCCAGTCTAACTCTGAACACTATCACCTCTGT  
GTTGGCTGCAACTGCAAGCATAATGGGTGTAGTCAGTGTGGCTGTGGGTTACAGTTCCGTTTCGGTAT  
AATTATACAATCACCAAGGGTTTGGATGTTTTGATGTTAATTTTCAATATGCTAGAATTCTGCCTTGCTG  
TGTCCGCTCTGCATTTGGATGTGAAGCTTCTGTTGTAACCTCCCGTGAGGTTCTTGTAGTGCTACCATC  
AAATCCTGTTGAGACAGTGATGGCACCCCAATGACACTTCAACCATTGCTACCATCAGAACACCAAGGG  
ACCAATGTTCCAGGAAATGTGTACAAGAACCACCCAGGAGAAATAGTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja3458_a08.zip">https://cdn.origene.com/chromatograms/ja3458_a08.zip</a>
Restriction Sites:	SgfI-MluI
ACCN:	NM_021718
Insert Size:	681 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021718.2</a></u> , <u><a href="#">NP_068364.1</a></u>
<b>RefSeq Size:</b>	1282 bp
<b>RefSeq ORF:</b>	681 bp
<b>Locus ID:</b>	60361
<b>Cytogenetics:</b>	19 A