

Product datasheet for **RR215360**

Ms4a8 (NM_001108519) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ms4a8 (NM_001108519) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ms4a8
Synonyms: Ms4a8a; Ms4a8b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215360 representing NM_001108519
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATACAGTTACTTCACAGGGCCCCGTGGCCAATTCTGTATATGTGGTGGCACCCACAAACAGTTATC
CTGTGGTCCCAGGAACCATGCCTCAGGTGCCTCTTTATCCAGCAACCAGCCTCAAGTCCATGTGATTCC
TGTAACCTACCTGGTTTGGTGCAGCCATGACTGAACCACCTGCCAGAGAGTCTTGAAAAAGGGCCAA
GTCCTAGGGGCCATCCAGATCCTGATTGGCCTGGTGCACATCGGCCTGGGCTCCATCATGATCACCAACC
TCTTCAGCCTCTATACCTGTCTCCCTCTATGGAGGTTTCCCCTTCTGGGGAGGCATCTGGTTTATCAT
TTCAGGATCTCTCTCAGTGGCGGCAGAACTCAGCCCAATTCACCTTGCCTGCTGAACGGCAGTGTGGGC
TTGAACATCTTCAGTGCCATCTGTTCTGCAGTGGGCATCATTCTTTCATCACAGACATCAGTATCTCAG
GAGGATATGTCTACCTGACTACTACCCTTATCATGACTACGGCGTGAGTACAGGTGTGGCTATTTCTTG
TGACTGCTCATCTTCTGCCTCTGGAGCTCAGCATTGCAAGTGTGCTCCCACTTTGGCTGCCAGGTG
GCCTGTGTCGATATAACAATGTAGATGTGGTCATTCTAATGTCTATGCAACAAACACGGTGGTCTTCC
CAGAACCACCAACCAATACCAAGTTATCCGATGCAATTCGAGACTCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215360 representing NM_001108519
 Red=Cloning site Green=Tags(s)

MNTVTSQGPVANSVYVVAPHNSYPVPGTMPQVPLYPNSQPQVHVIPGNLPLVPAMTEPPAQRVLKKGQ
 VLGAIQILIGLVHIGLGSIMITNLFSLYTPVSLYGGFPFWGGIWFIIISGSLSVAEETQPNPCLLNGSVG
 LNIFSAICSAVGIIILFITDISISGGYVYPDYYPYHDYGVSTGVAISCVLLIFCLLELSIASVSSHFGCQV
 ACCRYNNVDVVIIPNVYATNTVVFPEPPNIPSYSDAIRDSR

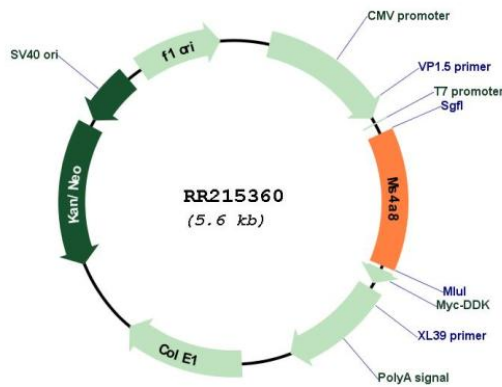
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108519
ORF Size: 753 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001108519.1 , NP_001101989.1
RefSeq Size:	1181 bp
RefSeq ORF:	756 bp
Locus ID:	361733
Cytogenetics:	1q43
MW:	26.7 kDa