

Product datasheet for MC212342

Ms4a3 (NM_133246) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ms4a3 (NM_133246) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ms4a3
Synonyms:	HTm4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212342 representing NM_133246 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAGCCAGAGGAGACTGGTGGTTCTGTTTATCAGCCCTTGGATGAGTCAGCCATGTTCAACGAGGTG
 TACTGCAAGCCCTCGGGCCATCCAGATCCTGAATGGAATACTGATTCTAGCTCTCGGAATTTTCTGGT
 TTGTTTACAACAGTGTCCCACTTCAGGCATTTCTTCTTTCACCTTCTACACAGGCTACCCACTG
 TGGGTGCTGTGTTTTTATCAGCTCAGGATCCTTGACTGTTGCCGAGGGAGAAACCCACACGAATGC
 TGATGCAAAACAGTTTTGGGATAAACATTGCCAGTACTACAATTGCATTTGTTGGGACTGTTTTCCTTTC
 TGTGCATTTGGCATTCAATACCCAGGCTTTCAAGGGTTGCCAATCTTCACCGTCACCTGATGTCTGCATT
 TCCCTGGGTTCCCTCATCAGATGGCCTGGTGTCTTAAATGCTGATTCTCACCTGCTGGAGCTGTCCGTGA
 CCATTTCTATCTGCCATGTGGTGCTTGGGAAATGTTTGTGGTTTAAGAGAGGCAATTACTTCACCTCC
 TAATTCTGTGGAGTCAGGAATACTTCTGAAGGAAGTGATTCTGAGAACCTGAACACTCAGCCCCAAGCT
 TCAGAAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_133246
Insert Size:	642 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_133246.5 , NP_573509.1
RefSeq Size:	1009 bp
RefSeq ORF:	642 bp
Locus ID:	170813
UniProt ID:	Q920C4
Cytogenetics:	19 A
Gene Summary:	<p>Summary: This gene encodes a member of the membrane-spanning-four (MS4) protein group, that contain a four-transmembrane protein structure. This gene is expressed in developing hematopoietic cells and has also been observed in some regions of the adult brain.</p> <p>Expression of the human ortholog of this gene has also been observed in some human cancer cell lines. This protein may play a role in cell cycle regulation, and interactions have been demonstrated between Ms4a3 and KAP phosphatase. [provided by RefSeq, Jul 2014]</p>