

## Product datasheet for **RG212482**

### MS4A7 (NM\_206938) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MS4A7 (NM\_206938) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** MS4A7  
**Synonyms:** 4SPAN2; CD20L4; CFFM4; MS4A8  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG212482 representing NM\_206938  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTATTACAATCCCAAACCATGGGGTTTCTCACAGCTTTACACCAAAGGGCATCACTATCCCTCAA  
 GAGAGAAACCTGGACACATGTACCAAACGAAGATTACCTGCAGAACGGGCTGCCAACAGAAACCACCGT  
 TCTTGGGTTTGGCATTACTGGATCCCTCAATTATCTCTGAAAACAATCAACTAAGCCCTTTGACCTG  
 AGCAGCTTGACCTCAAATGCAGTGAGTTCTGTTACTGCAGGAGCAGGCCCTTCTCCTCTGCTGACAGCA  
 TGGTAGCCCTGAGGACTGCCTCTCAACATTGTGGCTCAGAAATGGATTATCTATCCTCATTGCCTTATTC  
 GGAGTACTATTATCCAATATATGAAATCAAAGATTGTCTCCTGACCAGTGTCAAGTTAACAGGTGTCTTA  
 GTGGTGATGCTCATCTTCACTGTGCTGGAGCTCTATTAGCTGCATACAGTTCTGTCTTTTGGTGGAAAC  
 AGCTCTACTCCAACAACCTGGGAGTTCAATTTCTCGACCCAGTCACAAGATCATATCCAACAGGTCAA  
 AAAGAGTTCTTACGGTCTTGGATA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG212482 representing NM\_206938  
 Red=Cloning site Green=Tags(s)

MLLQSQTMGVSHSFTPKGITIPQREKPGHMYQNE DYLNGLPTETT VLGFGITGSLIISGKQSTKPFDL  
 SSLT SNAVSSVTAGAGL FLLADSMVALRTASQHCSEMDYL SSLPYSEYYYPIYEIKDCLLTSVSLTGVL  
 VVMLIFTVLELLLAAYSSVFWKQLYSNPNPSSFSSTQSQDHIQQVKKSSRSWI

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**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.

**RefSeq:** [NM\\_206938.1](#), [NP\\_996821.1](#)

**RefSeq Size:** 2889 bp

**RefSeq ORF:** 588 bp

**Locus ID:** 58475

**UniProt ID:** [Q9GZW8](#)

**Cytogenetics:** 11q12.2

**Protein Families:** Druggable Genome, Transmembrane

**Gene Summary:** 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]