

## Product datasheet for **RC221997**

### **MS4A14 (NM\_001079692) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MS4A14 (NM_001079692) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MS4A14
Synonyms:	MS4A16; NYD-SP21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>RC221997 representing NM\_001079692  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAGTCAACATCCCAGGACAGAAGGGCAACTCAGTCATCACTATAAAACCAAACGAACTGTATTGA  
CTGCATTTCCCTACAGACCTCATAGCTCTCTGCTGGATTTTCTGAAGGGAGAGCCAAGAGCTTGGGGGC  
TACCCAGATCCTGCTGCTAATCATTGTGGGCTTTGGAACATATTTGCACTTAATTACATCGGTTTC  
TCCCAAAGACTTCCCCTTGTGCTCACAGGATATCCATTCTGGGGAGCACTTATTGGTCAAGGTGTCA  
CGGGCATGAATGTTATCAGCTCCTTGGTTGCGATAACTGGGATTACTTTCACCATTCTCAGCTACAGACA  
TCAAGACAAGTACTGCCAGATGCCATCCTTTGAAGAAATATGTGTTTTTCAGTAGAACTCTTTTCATTGTT  
CTGTTTTTCTTGCCTTCGGATGTTACTCAAATAGTGAACAACCTGCCCCAGAAGAAAATGATCAATTAC  
AATTTGTGCTTCAAGAAGAGTTTTCCAGTGATGATTCAACAACAAATGCACAATCTGTTATCTTTGGAGG  
CTATGCTTTCTTCAAGTTAACACTCTCTAGGAGTCTTTAGTCTCCAACAGGTAATAAAGGTAGAGAA  
TTTGTGCCAGATGAACAAAAGCAAAGTATCCTTCCATCTCCCAAATTTTCAGAGGAAGAAAATGAACCTT  
TGCTCCACACTAGAGAAAAGCCCTCAGAAAATATGTCCATTAGCTAGACTCTACATTTAAACAAAT  
GAAAGATGAAGATCTACAATCTGCTATTGTACAACCTTCTCAAATGCAAACCAAGCTTCTGCAGGACCAA  
GCTGCGTCACTCCAAGTTTTTCCATCCCATTCTGCACTAAAACCTCGAAGATATATCACCTGAAGACTTGC  
CATCCCAAGCTCTACCAGTAGAAGGCCTGTGAGAAACCAACATGCCATCTAAGTCTACATCATCCCATGT  
CAAACAGTCTTCTAATCTGACAGCTAATGACCTGCCCCCTCAAGGCATACTATCCCAAGACACATCATCT  
CAAGATGCTGTTTTCATGACATGACATCCCAAGATATGCAATCCCTAGATATGCTATCTCAAGACACAC  
CATCCCACGCCATGCCACCTCAAGACATACCTTCCCAAGATATGCTATCCCAAGCTCTATCAGCGCATGC  
CATATTACCTGAAGCCTCAACATCCCATATTGTGCAAGTTCCTGAAATACAACACCTACTTCAGCAGGCC  
CCAGATCTTCAACCAGAAAACACTGAACCTCAAAAACAGCAAATTTTACAATGTCATATCAAGATATTA  
GATCAGAAGTTATGGAAGAGACCAAAGAATGGAATCTGAGGAGGAACTCCATAGAAGAAAATCCTCAAG  
ACGGCATTCTTAAACCAGCAAACCAAAGCCTTGAATACTTAAGGAGACATTCTTTAGACGTGCAAGCC  
AAAGGCCAGAAATCCTCAAAGAGGCATTCTTAGATCAGCAAAGCAAAGGCTGGCAATCTCCAAAGCAGA  
AATCCTTAGACCAGCAAATCAAAGACTGGCTATCCCAAAGAGGCACTCCGTAGATAAGCAAGCTCAACT  
TAATCAAACCTAAAGAGCAAATCCCAGATCAGCAAGCTGAAGATCAGCAAGCCAAAGGGGAACAATACCCA  
GAAGGACAATCTAAAGATGGACAAGTTAAAGACCAGCAGACTGATAAGGAGCAAACTCAAAGAAGCAAA  
CCCAGGATCAGCAAACCTGAAGACCAGCCGCCAAGAGAAGAAAATCCCGAAAGGACAATTCCAAATGT  
TCAAGCCGAAGGACAGCAAGCTCAGGTGGAGAAAAGTGCCAAAACCTGTTATGCCAAGATTCAGAATCCCAA  
ATACAGCAATACCAATTCTGGCAATTCACAAAGGCAATCTCCAGGCTGGACAACCCAGGACTGTCAATC  
TTTTGGCCAAGAATCCCCTGACTGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**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\\_001079692.3](#)

**RefSeq Size:** 3302 bp

**RefSeq ORF:** 1989 bp

**Locus ID:** 84689

**UniProt ID:** [Q96JA4](#)

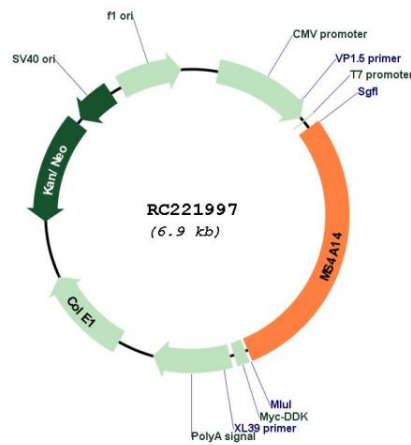
**Cytogenetics:** 11q12.2

**Protein Families:** Transmembrane

**MW:** 74.5 kDa

**Gene Summary:** May be involved in signal transduction as a component of a multimeric receptor complex. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC221997