

## **Product datasheet for RC210113**

# MS4A6E (NM 139249) Human Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** MS4A6E (NM\_139249) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: MS4A6E

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

**ORF Nucleotide** 

>RC210113 ORF sequence

Sequence:

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CTGCAGTGGAAACAGACTGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC210113 protein sequence

Red=Cloning site Green=Tags(s)

MTSQPISNETIIMLPSNVINFSQAEKPEPTNQGQDSLKKRLQAKVKVIGVHSSLAGSILSALSALVGFIL LSVNPAALNPASLQCKLDEKDIPTRLLLSYDYHSPYTMDCHRAKASLAGTLSLMLVSTVLEFCLAVLTAV

LQWKQTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: <a href="https://cdn.origene.com/chromatograms/mk6589">https://cdn.origene.com/chromatograms/mk6589</a> f11.zip

**Restriction Sites:** Sgfl-Mlul



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

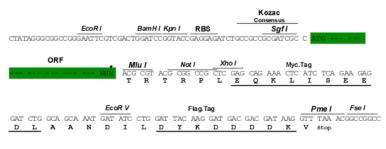
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_139249

ORF Size: 441 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:** 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 139249.3

RefSeq Size: 660 bp
RefSeq ORF: 444 bp
Locus ID: 245802
UniProt ID: Q96DS6

### MS4A6E (NM\_139249) Human Tagged ORF Clone - RC210113

Cytogenetics: 11q12.2

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 15.9 kDa

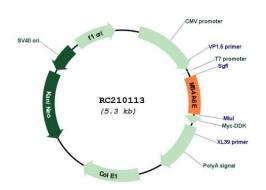
**Gene Summary:** This gene encodes a member of the membrane-spanning 4A gene family. Members of this

nascent protein family are characterized by common structural features and similar

intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. The gene encoding this protein is localized to 11q12.3, among

a cluster of family members. [provided by RefSeq, Jul 2008]

## **Product images:**



Circular map for RC210113