

Product datasheet for **SC330240**

MS4A6A (NM_001247999) Human Untagged Clone

Product data:

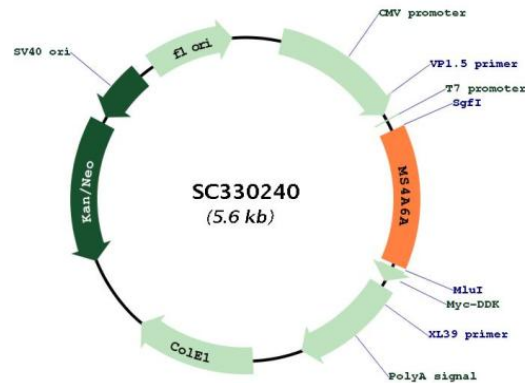
Product Type: Expression Plasmids
Product Name: MS4A6A (NM_001247999) Human Untagged Clone
Tag: Tag Free
Symbol: MS4A6A
Synonyms: 4SPAN3; 4SPAN3.2; CD20L3; CDA01; MS4A6; MST090; MSTP090
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330240 representing NM_001247999.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

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ATGGTTTTACTGAAGTTGCTAGAAAGTTACAGAAAAGGAAGTGCAGGAACATTTACAAAATCTACAATC
TTTGGCAACACCATCATGACATCACAACCTGTTCCCAATGAGACCATCATAGTGCTCCCATCAAATGTC
ATCAACTTCTCCAAGCAGAGAAACCCGAACCCACCAACCAGGGGCAGGATAGCCTGAAGAAACATCTA
CACGCAGAAATCAAAGTTATTGGGACTATCCAGATCTTGTGTGGCATGATGGTATTGAGCTTGGGGATC
ATTTTGGCATCTGCTTCTCTCTCCAAATTTTACCCAAGTGACTTCTACACTGTTGAACTCTGCTTAC
CCATTCATAGGACCCTTTTTTTTTATCATCTCTGGCTCTCTATCAATCGCCACAGAGAAAAGGTTAAC
AAGCTTTTGGTGATAGCAGCCTGGTTGGAAGCATTCTGAGTGCTCTGTCTGCCCTGGTGGGTTTCATT
ATCCTGTCTGTCAAACAGGCCACCTTAAATCCTGCCTCACTGCAGTGTGAGTTGGACAAAAATAATA
CAAACAAGAAGTTATGTTTCTTACTTTTATCATGATTCACCTTTATACCACGGACTGCTATACAGCCAAA
GCCAGTCTGGCTGGAAGTCTCTCTCTGATGCTGATTTGCACTCTGCTGGAATTCTGCCTAGCTGTGCTC
ACTGCTGTGCTGCGGTGGAACAGGCTTACTCTGACTTCCTGGGGTGTGCTGCTGGCCGGCTTCACT
TAA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001247999

Insert Size: 762 bp

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:

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_001247999.1](#)

RefSeq Size: 1751 bp

RefSeq ORF: 762 bp

Locus ID: 64231

UniProt ID: [Q9H2W1](#)

Cytogenetics: 11q12.2

Protein Families: Druggable Genome, Transmembrane

MW: 27.4 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 11q12.1, among a cluster of family members. Alternative splicing of this gene results in several transcript variants that encode different protein isoforms. [provided by RefSeq, Oct 2011]