

## Product datasheet for RC206424L3

### MS4A5 (NM\_023945) Human Tagged Lenti ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MS4A5 (NM_023945) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	MS4A5
Synonyms:	CD20-L2; CD20L2; TETM4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206424).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF.

ACCN:	NM_023945
ORF Size:	600 bp



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<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_023945.2</a>
<b>RefSeq Size:</b>	762 bp
<b>RefSeq ORF:</b>	603 bp
<b>Locus ID:</b>	64232
<b>UniProt ID:</b>	<a href="#">Q9H3V2</a>
<b>Cytogenetics:</b>	11q12.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	22.3 kDa
<b>Gene Summary:</b>	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. Though this member is not expressed in hematopoietic cells specifically, it may be involved in signal transduction like many of its related family members. The gene encoding this protein is localized to 11q12, among a cluster of family members. [provided by RefSeq, Jul 2008]