

## Product datasheet for **RN209511**

### Vstm4 (NM\_001029920) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vstm4 (NM\_001029920) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Vstm4  
**Synonyms:** RGD1310423  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209511 representing NM\_001029920  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGCTGCGGCTCCTAGCGTGGCGGTGGCTGTACTGCTGGGCTGGTCCCAGAGATATGTGGTGCTC  
 TCAATGTCACGGTGTCCCAGGACCTGTGGTGGACTACTTGAAGGGGAAAATGCCACTCTCCTTGCCA  
 TGCTCTCCAGAAGAGACGGAAGGACAGCCTGCTGGCCGTGCGCTGTTCTTTGCCCCGATGGCTCTCAG  
 GAGGCCTTGATGGTGAAGATGACAAAGCTTCGGGTGATTCACTACTATGGAACTTCAGCCGATTGCCA  
 ACCAACAGAGGCTGCGCCTGCTCGAGGAGCGTCGAGGGGTGCTGTACAAGCTGTCTGCTGATGCTCCG  
 GCCGGCGGATCAAGGCGAGTATGTCTGCAAAGTGAAGAAATCAGCAAATCCGGAACAAGTGGACAGCC  
 TGGTCCAATGGCTCCTCGCCACAGAAATGAGAGTGATCTCCCTCAAGGCTGATGAAGATTATCGTTTG  
 AGAAAAAGAAGGTGACTTGGGCATTTTTGAAGATCTCTATGTGTACGCTGTCTTGTGTGCTGCGTGGG  
 GATCCTCAGCGTTCTGCTCTTACCCTGGTCATTGCCTGGCAGTCTGTGTTTACAAGAGGAAAATCAAGA  
 GTGAGACATTATTTGGTAAAATGCCCCAGAACAGCTCAGGAGAGACTGTCACCAGTGTGACCAGCTTAT  
 CCCCCTGCAGCCACAGAAGGTTAGGAGCATAAGAAGAAGGCAGATGTTCCACCTGCGGTCCTGCCAA  
 AGCACCAGATGCCACCCTTTCCACAAACCAAAGCTGCTGAAACCACAGAGGAAAAGTACCCTGCCCAAG  
 ATCACCAGAGAAAATTTGACCTACGCCGAGCTGGAGCTGATCAAACCACACCAGGCTGCCAAAGGCATCC  
 CCACCAGCACCCTGTATGCACAGATCCTCTTCGAGGAGAACAAGCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001029920  
**Insert Size:** 960 bp



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<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_001029920.1</a></u> , <u><a href="#">NP_001025091.1</a></u>
<b>RefSeq Size:</b>	2163 bp
<b>RefSeq ORF:</b>	960 bp
<b>Locus ID:</b>	361112
<b>Cytogenetics:</b>	16p16