

## Product datasheet for RN211567

### Vps4a (NM\_145678) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vps4a (NM_145678) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps4a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211567 representing NM_145678 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACAACGTCAACCCTCCAGAAAGCCATCGATCTGGTGACAAAAGCCACAGAAGAGGACAAAGCCAAGA  
ACTACGAGGAGGCACTTCGGCTCTACCAGCATGTGTGGAGTATTCCTCCACGCCATCAAATATGAAGC  
CCACAGTGACAAGGCCAAGGAGAGCATTTCGAGCAAAGTGATGCAGTACCTAGACAGAGCGGAGAAGCTG  
AAGGATTATTTAAGAAACAAGAGAAACATGGCAAAAAGCCAGTCAAAGAGAATCAGAGTGAAGGCAAGG  
GTAGTGACAGTGACAGCGAAGGGGATAATCCAGAGAAAAAGAAATTACAAGAACAGTTGATGGGTGCTGT  
TGTGATGGAGAAGCCCAACATTCGGTGGAAATGATGTAGCTGGACTGGAGGGAGCTAAAGAAGCTCTCAA  
GAAGCTGTGATTTGCGGATAAAATTTCCACACTTATTCACAGGCAAACTACTCCTTGGCGAGGCATAC  
TGCTCTTTGGGCCCCAGGCACAGGCAAGTCTACCTGGCCAAAGCCGTGGCAACAGAAGCCAACAACCT  
TACCTTCTCTGTGTCTCCTCGGATCTGATGTCTAAGTGGTTGGGGAAAGCGAGAAGCTAGTCAA  
AACCTGTTTGGTTGGCCAGACAGCACAAGCCTTCCATCATCTTCATTGATGAGGTGGATTCCTCTGCG  
GGTCACGGAATGAAAATGAGAGCGAGGCAGCCGAAGGATCAAAACAGAGTTCTTGGTCCAATGCAGGG  
AGTGGGAATAATAATGATGGGACTCTTGTCTTGGTGCCACAAACATCCCTGGGTGTTGGATTACGCC  
ATCAGGAGGAGGTTTGAAGCGAATTTATATCCATTGCCAGAGGAAGCGGCCCGTGGCCAGATGTTTC  
GGTTACACCTGGGAAGCACACCTCACAACCTCACAGATGCTAACATCCATGAGCTGGCCCGCAAGACAGA  
AGGCTACTCAGGAGCAGATATCAGCATTATCGTGCGGGACTCTCTCATGCAGCCAGTCAGAAAAGTACAG  
TCAGCAACACACTTCAAGAAGGTTTGTGGTCTTCTCGAACCAACCCTAGTGTTATGATTGATGATCTTC  
TGACCCCATGTTCTCCAGGAGATCCAGGGGCTATAGAGATGACTTGGATGGATGTCCCTGGTGATAA  
CTTAGAGCCTGTGGTTTGCATGTCCGACATGCTCCGGTCTCTGGCCACTACCCGGCCACAGTGAATGCA  
GATGACCTCCTGAAAGTAAAGAAATCTCTGAGGACTTTGGACAGGAGAGTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_145678
<b>Insert Size:</b>	1314 bp
<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_145678.1</a></u> , <u><a href="#">NP_663711.1</a></u>
<b>RefSeq Size:</b>	1314 bp
<b>RefSeq ORF:</b>	1314 bp
<b>Locus ID:</b>	246772
<b>UniProt ID:</b>	<u><a href="#">Q793F9</a></u>
<b>Cytogenetics:</b>	19q12
<b>Gene Summary:</b>	binds Rho family GTPase Rnd2; may play a role in endosomal trafficking [RGD, Feb 2006]