

Product datasheet for **RN203885**

Vps16 (NM_001005541) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps16 (NM_001005541) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps16
Synonyms:	MGC94090
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203885 representing NM_001005541
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACTGTTACTACTGCGAACTGGAATCCACTCGGGGACTCTGCCTTTTACCGGAAGTATGAACTGTACA
 GCATGGACTGGGACCTGAAGGAGGAGCTCAAGGATTGTCTGGTGGCTGCTGCACCCATATGGGGGCCCAT
 TGCTCTACTGAGGAACTGCTGGAGAAAAGAGAAAAGCTGCCAGTGTGCGGCCAGTACTGGAGATGACTCT
 GCTTCTGGCATGCCCTGGCTAGCCTGTGTGGAAGAGTGGGCCTGTGGTGGCCCTCGGCTGGTCAGCCG
 AGGAGGAGCTGCTCTGTGTGCAGGAAGATGGTGCAGTGTAGTTTATGGGCTTCATGGAGACTTCCGGAG
 GCACCTCAGCATGGGCAATGAAGTGCTTCAAGACCGTGTCTTGGATGCTCGGATTTTTACACTGAGTTT
 GGTTCGGGGTGGCCATCCTTACCGGAGCCTATCGATTTACTCTGAGTGTAAATGTGGGTGACCTCAAAC
 TCCGTCGGATGCCAGAGGTGCCAGGTCTGCAGAGTGCACCCTCCTGCTGGACCACACTGTGCCACGAGCG
 AGTAGCACACATTCTTCTGGCTGTAGGACCTGATCTTTACCTTCTGGATCATGCTACCTGCTCTGCAGTG
 ACACCTGCTGGTCTAGCTCCAGGAGTGAGCAGCTTCTACAGATGGCTGTATCCTTCACGTACCGTTACC
 TGGCACTTTCACAGACACAGGCTACATCTGGATGGGGACAGCATCACTCAAGGAGAAGCTGTGTGAGTT
 CAACTGCAACATCCGGGCACCCCGAAGCAGATGGTCTGGTGTAGCCGCTCCTCGAAGCAAGGAAAAGGCT
 GTTGTGTAGCCTGGGAAAGGCGGCTGATGGTGGTGGGCAATGCGCCTGAAAGCATTAGTTTGTGCTTG
 ATGAGGACTCCTACTTAGTGCCTGAGCTTGATGGGGTCCGCATCTTCTCTCGAAGTACCCATGAATTCCT
 GCATGAAGTCCCAGTGGCCAGTGAAGAGATCTTCAAAATGCTCAATGGCCCTGGAGCACTGCTGTTG
 GAGGCACAGAAGGAGTATGAGAAAGAGAGCCAAAAGCAGATGAATATCTGCGGGAGATCCAGGAAGTG
 GGCAGCTGATCCAGGCTGTGCAGCAGTGCATTGAGGCTGCAGGACATGAGCACCAACAGACATGCAAAA
 CGGTCTGCTCAGGGCGGCTTCGTTTGGAAAGTGTTCCTTGACAGATTTCCGCCTGACAGCTTCGTGCAC
 ATGTGTACAGGACCTTCGAGTGTCAATGTATTAGGGACTACCACATTGGGATCCCTCTGACCTATACCC
 AATACAAGCAGCTTACCATCCAGGTGCTGCTCGACAGGCTCGTGTGCGGAGGCTTTATCCCTGGCTAT
 CCAGATATGCGAGTACCTGCGCCTTCTGAAGTACAGGGCGTCAGCAGGATCCTAGCCCACTGGGCTGC
 TACAAGGTGCAGCAGAAAGATGTCTCAGATGAGGACGTAGCACGGGCTATTAATCAGAAGCTGGGTGACA
 CGCCTGGTGTTCATACTCTGACATTGCTGCAAGGGCCTATGGCTGTGGCCGCGCTGAAGTGGCCATTAA
 GCTGCTGGAGTATGAGCCACGGTCAGGGGAACAGGTACCTTCTCTGAAGATGAAGAGGAGCAAACTA
 GCTCTGAGCAAGGCCATTGAGAGTGGAGACACTGACCTGGTGTTTACAGTGTGCTGCACCTGAAGAAATG
 AACTCAACCGAGGAGACTTTTTATGACTCTGCGGAACCAACCCATGGCCCTGAGTTTGTATCGACAGTT
 CTGTAAGCATCAGGAACTAGACACTCTGAAGGACCTTTACAATCAGGACGACAATCACCAGGAATTGGGC
 AGCTTCCACATCAGAGCCAGCTATGCTGCGGAAGAGCGTATTGAAGGGCGAGTGGCAGCTCTGCAACCG
 CAGCTGACGCCTTCTACAAGCCAAGAATGAATTTGCAGCCAAGGCTACAGAGGATCAAATGAGGCTCCT
 GCGGCTACAGCGACGCCTGGAGGATGAGCTAGGGGGCAGGTTCTAGACCTATCTCTACATGACACAGTC
 ACCACGCTTATCCTCGGAGGACACAACAAGCGGGCAGAGCAGCTGGCACGTGACTTTCGCATCCCTGACA
 AGAGGCTCTGGTGGTTAAAGCTGTCTGCCCTGGCAGATCTGGAAGAGTGGGAGGAGCTGGAGAAGTTTTTC
 TAAGAGCAAGAAATCACCAATTGGCTACCTGCCCTTTGTAGAGATCTGCATGAAGCAACATAACAAACAT
 GAGGCCAAGAAGTATGCTTCCAGAGTGGGCCCTGAGCAAAAGGTCAAGGCTTTGCTTCTTGTGCGGGATG
 TGGCTCAGGCTGCAGATGTGGCTATTGAGCACCGGAATGAAACTGAGCTGAGCCTCGTTTTGTCCCACTG
 CACTGGAACTACAGATGGGGCCATAGCTGACAAGATTCAGCGGGCCAGAGCACAAGCCAGAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001005541
Insert Size: 2520 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:	<ol style="list-style-type: none">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:	<u>NM_001005541.1</u> , <u>NP_001005541.1</u>
RefSeq Size:	2641 bp
RefSeq ORF:	2520 bp
Locus ID:	296159
Cytogenetics:	3q36