

Product datasheet for **RN214633**

Vps35 (NM_001105718) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps35 (NM_001105718) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps35
Synonyms:	Mem3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214633 representing NM_001105718
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTACAACACAGCAATCACCCAGGATGAGCAAGAAAACTCTTGGATGAAGCCATCCAGGCTGTGA
AAGTTCAATCATTCCAGATGAAAAGATGCCTGGACAAAAACAAGCTGATGGACGCTCTGAAACATGCCTC
GAATATGCTTGGAGAACTCCGGACTTCTATGTTATCACCAAAGAGTACTATGAACCTTTATATGGCTATT
TCTGATGAGCTGCACTACTTGGAGGTCTATTTGACTGATGAATTTGCTAAAGGAAGAAAGGTGGCAGATC
TCTATGAACCTGTACAGTATGCTGGAAACATTATTCCAAGGCTTTATCTCTTGATCACAGTTGGAGTTGT
GTATGTCAAGTCATTTCTCAGTCCAGGAAAGATATTCTGAAAGATTTGGTAGAAATGTGCCGTGGCGTG
CAGCATCCACTAAGGGGTTTGTTCCTCGAAATATCTTCTCAGTGTACTAGGAACATTTACCTGATG
AAGGAGAGCCAACAGATGAAGAAACAACGGTGATATCAGTGATCCATGGATTTTGTACTACTCAACTT
TGCAGAAATGAATAAGCTCTGGGTGCGGATGCAGCATCAAGGACATAGTCGAGATAGAGAAAAAGAGAA
CGAGAGAGACAAGAACTGAGAATTTTAGTGGAACTAATTTGGTGCCTTAGTCAGTTGGAAAGGTGAA
ATGTGGAACGTTACAAACAGATTGTTTTAACAGGCATTTTGGAGCAAGTTGTGAATTGTAGAGATGCTTT
GGCTCAAGAGTATCTCATGGAGTGCATCATTCAAGTTTTTCTGATGAATCCATCTCCAGACTTTGAAT
CCTTTTCTTAGAGCTTGTGCTGAGTTACACCAAAATGTAATGTGAAAAACATAATCATTGCTTTAATTG
ACAGATTAGCTTTATTTGCTCATCGTGAAGATGGACCTGGAAATCCAGCTGAGATTAACCTTTTTGACAT
ATTTTCAACAGGTGGCTACAGTGATACAGTCCAGACAAGACATGCCATCAGAGGACGTTGTATCTTTA
CAAGTCTCTCATTAACTTGTCTATGAAATGTTACCCTGATCGTGTGGACTATGTTGATAAAGTTCTAG
AAACAACAGTGGAGATATTCAATAAACTAACCTTGAACATATTGCTACCAGTAGTGCAGTTTCAAAGGA
GCTTACCAGACTTTTGAAGATCCAGTTGATACTTACAACAATATCTTAAACAGTCTTAAAGTTAAAGCAT
TTCCACCACTTTTTGAGTACTTTGACTACGAGTCCAGAAAGAGCATGAGCTGTTATGTGCTTAGTAATG
TTCTGGATTATAACACAGAAATCGTCTCTCAGGACCAGGTAGATTCCATAATGAATTTGGTGTCCACGTT
GATTCAGGATCAGCCAGACCAGCCTGTAGAAGACCCTGACCCAGAAGACTTTGCTGATGAACAGAGCCTT
GTTGGCCGATTTATCACCTTCTGCGTTCTGAAGACCCTGATCAGCAGTATTTGATTTTGAATACAGCAC
GAAAACATTTGGGGCTGGTGGAAATCAGCGGATTCGCTTCACACTGCCACCTTTGGTATTTGCAGCTTA
TCAGTTGGCTTTTCGGTACAAGAGAATTCTCAAATGGATGACAAATGGGAAAAGAAATGCCAGAAGATT
TTTTCATTTGCCATCAGACTATCAGTGCTTTGATTAAGCCGAGCTGGCTGAGTTACCAGTACAGACTTT
TTCTTCAAGGAGCATTAGCTGCTGGGGAGATTGGCTTCGAAAATCATGAAACAGTAGCATATGAATTTAT
GTCCCAGGCGTTTTCTCTATATGAGGATGAACTCAGTGACTCCAAAGCACAGCTGGCTGCTATCACTTTG
ATCATTGGTACTTTTGGAGGATGAAATGCTTCAGTGAAGAGAATCATGAGCCCTTGAGAACTCAGTGTG
CACTTGTGTCATCAAACTTCTGAAAAACCGGACCAAGGCCGAGCTGTGAGCACATGTGCACATCTCTT
TTGGTCTGGCCGAAACACAGACAAAAATGGGGAAGAGCTTCATGGAGGTAAAAGGGTCATGGAGTGCCTA
AAGAAGGCACTAAAAATAGCAAATCAGTGCATGGACCCCTCTCTACAAGTTCAGCTCTTTATAGAGATTC
TGAACAGGTACATCTATTTCTATGAAAAAGAAAATGATGCGGTAACAATTCAGGTCTTGAACCACTTAT
TCAAAAAATTCGAGAAGATCTCCAAACCTTGAGTCCAGTGAAGAAACAGAGCAAATTAACAAGCATTTT
CACAACAGTTGGAGCACTTGCCTCAAGACGGGAATCACAGAGTCTGAGGGCCCAATCTATGAAGTCT
TCATCCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001105718
Insert Size: 2391 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_001105718.2</u> , <u>NP_001099188.2</u>
RefSeq Size:	3196 bp
RefSeq ORF:	2391 bp
Locus ID:	25479
Cytogenetics:	19q11
Gene Summary:	mouse homolog is a hydrophilic membrane protein having a direct role in the retrieval of cargo proteins [RGD, Feb 2006]