

Product datasheet for **RN213258**

Vps41 (NM_001107355) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps41 (NM_001107355) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps41
Synonyms:	RGD1560511
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213258 representing NM_001107355
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAAGCAGAGGAGCAGGAACTGAGTCTCTTGAAGAATCTACAGATGAGTCAGAGGAAGAGAGTG
 AAGAGGAACCCAACTGAAGTATGAAAGGCTTTCTAATGGGGTGACAGAGATTCTTCAGAAAGATGCAGC
 AAGCTGTATGACGGTCCATGACAAGTTTTTGGCACTGGGCACACACTATGGCAAGTTTTATTACTGGAC
 GTCCAGGGAAACATCACTCAGAAGTTTGTGTAAGTCCTGTGAAGATAAACCCAGATCAGCTTGGATGAAA
 GCGGAGAACATATGGGCGTGTGCTCGGAGGATGGCAAGCTGCAGGTCTTTGGACTGTACTCTGGAGAAGA
 ATTCCATGAGACTTTGACTGTCCCATTAATAATCGTTGCTGTGCACCCCCAGTTCGTGAGATCCAGTTGT
 AAGCAGTTCGTGACTGGTGGGAAAAGTTGCTGCTATTTGAACGGACGTGGATGAACAGATGGAAGTCTT
 CTGTCTGCACGAAGGGGAAGGGAAACATAAGGAGCGTGAAGTGGAGAGGCCATCTGATTGCCTGGCCAA
 CAACATGGGTGTGAAGATTTTTGACATCACCTCAAAGCAAAGAATCACCAACGTTCCCGGAGATGATATA
 AGTCTTCGCCCAGATATGTATCCCTGCAGCCTCTGCTGGAAGGATGCTGTGACACTGATTATCGGCTGGG
 GAACCTCCATCAAGATATGCTCAGTGAAGGAACGCCATGCCAGTGAAGTGAAGGATCTGCCAAGTCGATA
 CGTTGAAATAGTGTCTCAATTTGAAACTGAATTCTACATTAGTGGACTTGACCTCTCTGTGATCAGCTT
 GTTGTACTTTCTACGTAAGGAGGTTTTCGGAAAAACGGAAAGAGAATACTGTGCAAGACCGGAGACTGG
 ACATCATCCAGCCACTCCAGAGACTTGTGAAGAGATCTCATCTGATGCTTTGACAGTCAGAGGTTTTCA
 GGAGAAATGAATGTAGGGATTACCACCTAGAATACTCTGAAGGGGAATCACTCTTCTACGTCGTGAGTCCA
 AGAGATGTCGTCGTAGCCAAGGAGCGAGACCAGGATGATCATATCGACTGGCTCCTTGAGAAGAAGAAAT
 ATGAAGAAGCTTTGATGGCAGCTGAAATTAGCCACAGGAACATTAAGAAGCATAAGATTTCTGGAGTCGG
 GTTGGCATATGTAACCCACTGGTGGAGAGGGCGAGTACGACATGGCCGCACGAAAATGCCAGAAAATT
 CTTGGGAAAAATGCATCCCTCTGGGAATACGAAGTTTACAAATTTAAAGAAATTGGACAGCTTAAAGCAA
 TTAGTCCCTATTTACCTCGAGGGGACCCGTTCTGAAACCACTCATCTATGAAATGATTTTGACCGAATT
 TCTGGAAAGTGATTATGAGGGCTTTGCCACATTGATCAGAGAATGGCCTGGAGATCTGTATAACAATTCT
 GTGATAGTTCAAGCAGTTCGAGACCACCTGAAGAAGGACAGTCAGAACAAGACTTTATTGAAAACACTGG
 CAGAATGTATACCTATGACAAAAATTATGGCAATGCTCTGGAATATACTTAACGTTAAGACATAAAGA
 TGTTTTCCAAGTATACACAAGCATAATCTTTTTCAGCTCCATCAAGGATAAAAATTTGTTTTATTAATGGAC
 TTTGATTCAGAGAAAGCTGTTGACATGCTTTTGGACAATGAAGATAAAAATTTCAATTAAGAAAGTGGTAG
 AAGAATTAAGAAGACAGGCCAGAGCTGCAGCATGTGATTTGCACAAGCTCTTCAAGAGAGACCATCATAA
 GGGACAGCGCTACCATGAAAAACAGATCAGTCTGTATGCCGAATATGATCGACCAAACTACTGCCCTTT
 CTCCGAGACAGTACCCATTGCCCACTAGAAAAGGCTCTTGAGATCTGTCAACAAAGAACTTTGTAGAAG
 AGACAGTTACCTTCTGAGCCGAATGGGAAACAGTCGAAGTGCCTGAAGATGATTATGGAGGAATTGCA
 TGATGTTGATAAAGCAATTGAGTTTGCCAAGGAACAAGATGATGGAGAGCTCTGGGAAGATCTGATTCTA
 TATTCCATTGACAAACCACCTTATCACTGGCTTGTGAACAACATTGGCACACACATGCAGCGAAGCC
 CTTCAGCGTGGTGGTCTTCCATTGTGCGGCACATGTTCCACAAGGAGTGCCTACCTATGCCAAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107355

Insert Size: 2238 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_001107355.1, NP_001100825.1</u>
RefSeq Size:	2925 bp
RefSeq ORF:	2238 bp
Locus ID:	306991
Cytogenetics:	17q11