

Product datasheet for **RR201829**

Vps37c (NM_001107463) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vps37c (NM_001107463) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Vps37c
Synonyms: RGD1309258
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201829 representing NM_001107463
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGGGCTGAAAGACAAGACCCTGCAGGAGCTGGAGGAAATGCAGAATGACCCAGAAGCCATTGCC
GGCTGGCCTTGAATCGCTGAGGTTCAAGGACCTGCAGTTCAGACGGGAGATGGCTCTGGCCACCAACCG
GAGCCTGGCAGAGCAGAACCTGGAGTTCAGAGTCCCAAGGTCCTGAAATCAGCCGCTCTAACCTCTCAGACAA
TACCAGGAGCTGCGGAAGCTTGTGGAGCGGTGCCAGGAGCAGAAAGCCAAGCTGGAGAAATTTCTCAG
CACTGCAGCCTGGGACCTTGTGGACCTTCTACAGATTGAAGGCATGAAGATCGAGGAGGAGTCTGAGGC
CATGGCTGAGAAGTTCCTGGAAGGTGAGGTGCCCTTGGAGACATTCCTTAGAGTCTTTTCTTCCATGAGG
ACACTGCTGCACCTGCGTCGAGTTCGTGTAGAGAAGCTCCAGGACGTGGTGGAGGCGCCCTCGAGCTCTGC
CAGAGCTGGCTGGAGATGCCCCCCTCAAAGCGCCACCACCCACGCCCCGGCGCCCGCCAGGCAGCACC
TGAGACTGAAGAACAGACTCCGACGCCCTCTGTAGTACTCCCTACCCTTTGCCCTACAGCCCATCCCCA
GGCTTGCCTGTGGGCCCCACAGCCAGGGAGCCCTGCAGCCAGCCCTTCCCTGTGGTACCCAGCCTT
CCTCCTATGGGGGCCCTGGTCTTCTTACCATCACCTCAGCCAGGACCCAGGGCCATGGTGGGTTA
CTTTGGTCTCCACAGAGGAGTGGCCCGCCCGGCTGGCTATCCTGTGGCTCCGACTAGCACCTCTGGT
CCAGGATACCCCTTAGTGGGGGCCAAACTCCTGGTCTGGTTATCCTCAACAGTCCCTTACTTCCCAT
CAGGAAGCAAACCTCCCTACCAACACAGCCTCAGCTCCCTGGCTTCCAGGACAGCCCGCCGCGCAGT
GCCCCCTAACCTCCATACCCCTTCTGGGTAACACCCCTATGGCTTTCACCCTCCAGGATCTGCCTGG
CCTAGGTAT

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR201829 representing NM_001107463
 Red=Cloning site Green=Tags(s)

MEGLKDKTLQELEEMQNDPEAIARLALESPEVQDLQLEREMALATNRS LAEQNLEFQGPLEISRSNLSDK
 YQELRKLVERCQEQKAKLEKFSALQPGTLLDLLQIEGMKIEESEAMAEKFLEGEVPLETFLESFSSMR
 TLLHLRRVRVEKLDQVRRPRALPELAGDAPPKRPPPPRPAPQAAPPETEEQTPQPSVVTYPYLPYSPSP
 GLPVGPTAQGALQPAPFPVVTQPSSYGGPLGPSYSPQGPGRAMVGYSWSPQRSRSGPPRPGYPVAPTSTSG
 PGYPLVGGQTPGPGYPQQSPYFPGSGKPPYPTQPQLPGFPGQPPPPVPPQPPYPYSGVTPPYGFHPGSAW
 PRY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

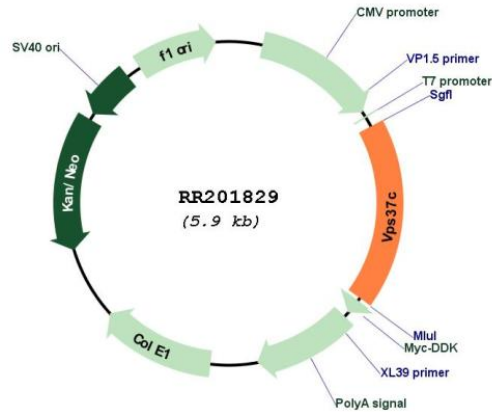
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001107463

ORF Size:	1059 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001107463.1 , NP_001100933.1
RefSeq Size:	2647 bp
RefSeq ORF:	1062 bp
Locus ID:	308178
MW:	38.4 kDa