

Product datasheet for **RN201935**

Vps53 (NM_001105813) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps53 (NM_001105813) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps53
Synonyms:	RGD1311391
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN201935 representing NM_001105813

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGATGGAGGAGGAGGAAGTGGAGTTTGTGGAGGAGCTGGAGGCTGTGCTGCAGCTCACGCCAGAGGTGC
 AACTAGCCATCGAGCAGGTATTCCCAAGCCAGGATCCTCTTGATCAAGCTGACTTCAATGCCGTTGAGTA
 CATCAATACTCTGTTCCCAACAGAGCAATCTCTGGCAAACATTGACGATGTTGTGAACAAGATTAGACTG
 AAAATAAGGAGACTGGATGATAATATCCGCACTGTCGTAAGAGGTCAGACAAATGTGGGACAGGATGGAA
 GGCAAGCACTTGAAGAAGCCAGAAAGCCATTACGCAACTCTTTGGCAAAATCAAGGATATTAAAGACAA
 AGCAGAAAAGTCAGAACAAATGGTGAAAGAGATCACCCGAGATATTAAGCAGTTAGATCACGCCAAGCGC
 CACCTGACCACCTCGATCACAACACTGAACCACCTGCACATGCTGGCAGGCGGGGTGGACTCCTTGAAG
 CCATGACCAGACGACAGATATGGAGAAGTTGCTAATCTCCTTCAGGGTGAATGAATGTTCTGGAGCA
 CTTTCACAAGTACATGGGAATCCACAGATCCGACAGCTTCTGAACGGGTGAAGGCTGCACAGACAGAG
 CTAGGACAGCAAAATCCTGGCTGATTTTGAAGAAGCATTTCTTCACAGGGTACCAAGAGGCCAGGAGGAC
 CCAGCAATGTCTGAGAGATGCGTGCCTGGTGGCTAATATTTTGACCCCAAGATCAAAACAGAAATCAT
 CAAAAAGTTTATTAACAGCATCTATCAGAGTATCTAGTACTTTTCAAGAAAATCAAGATGTCGCTGG
 CTGGACAAAATTGACAGACGTTATGCCTGGGTAAACGCCAGCTTGTGGACTATGAAGAGAAGTATGGTC
 GGATGTTTCTCGTGAGTGGTGCATGACAGAGAGAATCTCAGTAGAATTTTGCCATGTGACGAGGACAGA
 ACTTTCCAAAATCATGCGAGCCAGAGCTAAGGAAATTGAGGTGAAGTTGCTTCTTTTGCCATTGAGAGA
 ACAACTAACTTTGAGGGTTTCTCGAAAACGCTTCTCCGTTGCACCTTGACAGATGGAACCTGAAAA
 AGCTGGAGTCCCACCGCCATCTACCAATCCCTTCTGGAAGATGAGACAGCAGCAGAGACGAGGAGGCT
 GGCTCTGGAGAAGGGAGAGTTAGAGCAACCAAGAAGCCCAAGCCCAAGATATCCATTTTCATGGCATT
 GTTCCAAAGTGTTTCGAGCCTCATCTCTACGTGTACATTGAGTCCAGGACAAAAACCTCAGTGAGCTGA
 TAGACCGGTTTGTGGCAGATTTCAAAGCCAGGGCCACCCAAGCCCAACTGATGAAGGGGTGCTGT
 ACTCCCCAGCTGTGCTGACCTCTTGTCTACTATAAGAAGTGCATGGTACAGTGCTCACAGCTCAGCACA
 GGCGAGCCCATGATTGCCCTGACCACCTCTCCAGAAGTACCTCCGAGAATACGCTGAAAAATCCTCT
 CTGGCAACCTGCCTAAAACCAGCAGCAGAGTGGGGGCTGACCATCAGCAGCCTCCTCAAAGAGAAAGA
 GGGCTCAGAAGTGCCAGATTCACTCTGGAGGAGCTGTGTCTCATCTGCAGCATCCTGAGCACAGCCGAG
 TACTGTCTGGCTACCACTCAGCAGCTAGAAGAAAACTCAAAGAAAAAGTTGATGTGAGTCTGACTGAGC
 GAATTAACCTCACAGGAGAAATGGACACATTACAGCACTGTCATCTCCAGCAGCATTACAGCTGTTGGTTCA
 AGATCTAGATGCAGCCTGTGACCCTGCCCTGATTGCCATGAGCAAGATGCCGTGGCAGAAGCTGGAGCAT
 GTTGGTGACCAGAGCCCTTATGTACCTCTGTTATTCTTCACATAAAGCAGAATGTCCCCATCATCCGTG
 ACAACCTGGCTTCCACACGGAATACTTCACACAGTTCTGCATTAATTTGCAAATTCGTTCAATCCCAA
 ATTCATCACCCACCTCTCAAGTGAAGCCGATCAGCATGGTGGGAGCAGAGCAGCTTCTGCTGGACACC
 CACTCCCTGAAGATGGTCTGCTCGATCTCCGTCATTGGCTCACAGGTGGTGAGGAAGGCCCTGCCA
 GTTACACTAAGATTGTCGTGAAAGGCATGACCCGGGCTGAAATGATCCTCAAGGTGGTGATGGCCCTCA
 TGAACCATTTGGTAGTATTTGTTGACAACTACATCAAACTCCTTACAGACTGCAACACAGAAACCTCCAG
 AAAATACTGGATATGAAGGGGCTGAAGAGGAGTGAGCAGAGCAGCATGCTGGAACCTTTGCGGCAGAGGC
 TCCCTGCCCCACCTCAGGGACAGAAAGTTCTAGCACACTGTCCCTGATGGCCCCAACACCAGAGCAGGA
 ATCATCACGCATCCGAAACTTGAAAACTGATTAAGAGAGACT**TA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001105813

Insert Size:

2499 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:	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_001105813.1, NP_001099283.1</u>
RefSeq Size:	2805 bp
RefSeq ORF:	2499 bp
Locus ID:	287535
Cytogenetics:	10q24