

Product datasheet for **RN204179**

Vps52 (NM_033097) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps52 (NM_033097) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps52
Synonyms:	Are1; Sacm2l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204179 representing NM_033097
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCGCGGACCATGGCGGCTGCTGCCCGGAGCTGGTGTTCGGGGCCGGCGCTTCAGATATGG
 AGGAGGAGGAGGGCCGCTGGGGGCTGGTTCTGGACTCCAAGAGCCCTACAACTCGGGGAGTTGGATAT
 CACCTCTGATGAATTCATCTTGATGAAGTGGATGTTACATCCAGGCAAATCTGGAAGACGAGTTAGTG
 AAGGAAGCTCTAAAACGGGTGTGGATCTTCGACACTATCAAAGCAGGTGGAGCTAGAGCTGCAGCAGA
 TTGAGCAGAAAGTCAATCCGGGACTACATCCAAGAGAGTAAAACATAGCCTCTCTGCACAATCAGATCAC
 AGCCTGTGATGCCGTCTAGAGCGCATGGAGCAGATGCTGGGAGCTTTTCAGAGCGACCTCAGCTCCATC
 AGCTGTGAGATCCGCACCCTGCAGGAGCAGTCGGGGGCCATGAACATCCGACTTCGTAACCGGCAGGCAG
 TTCGGGGGAAACTTGGGAACTCGTCGATGGGCTAGTGGTGCCCTCTGCTCTGGTCACAGCAATTCTCGA
 AGCTCCAGTGACAGAGCCAGGTTCTGGAGCAGCTCCAGGAGCTGGACGCCAAGCGGGCTCGCGGTGAGA
 GAGCAGGAGGCGAGAGGCACGGCCGCTGTGCAGACGTCAGAGGCGTGTGACCGGCTCCGGGTCAAGG
 CCGTGACAAGATCCGTGAGTTCATTCTCCAGAAGATTTACTCGTTCCGAAGGCCGATGACCAACTATCA
 GATCCCCCAGACGGCCCTGCTGAAGTACAGTTTTTCTATCAGTTTCTGCTGGGCAACGAGCGTGTACA
 GCCAAGGAGGTACGGGATGAGTACGTAGAGACGCTGAGCAAGATCTACCTGTCTACTACCGCTCGTACG
 TGGGGCGGCTCATGAAAGTGCAGTACGAGGAAGTTGCTGAGAAAGACGATCTAATGGGTGTAGAAGACAC
 AGCAAAGAAAGGATCTTCTCGAAGCCGTCCTGCGAAGCAGGAACACCATCTTTACCCTGGGCACCCGT
 GGTGCTGTCATCTACCGGCCGAGCTCGAGGCCCCATCCTGGTGCCCATACTGCCACGCTGGAGAGC
 AGAGTACCCGTTTGAAGCACTTCCGACGCCAGCACTATGCCCTCCTTGACAATTTCTGGCGTGAATA
 TCTCTTCACTGTGAATTTTTCTGTCGTCCTGCGCCGGCTGCCCATGACCTGTTCCACGCCGTATGGGC
 CGCACGCTGTCCATGACGCTGAAACACCTGGAGTCTACCTGGCCGACTGCTACGACGCCATTGCTGTTT
 TTCTCTGTATCCACATCGTTCTCCGGTTCGCAACATAGCAGCAAAGAGGGACGTCCTGCCCTGGACAG
 ATACTGGGAGCAGGTGCTGGCCCTGCTGTGGCCTCGATTTGAGCTCATCTGGAGATGAATGTGCAGAGC
 GTCCGCAGCACTGACCCCGAGCCTCGGGGGCTGGACACCCGGCCCACTATATCACACGCCGTACG
 CCGAGTTCTCCTCCGCGTTGTGACATCAACCAGACCATCCCAATGAGCGCACGCTGCAGCTGCTGGG
 ACAGCTACAGGTGGAGGTGGAGAACTTTGCTCCTCCGCTGGCTGCGGAGTTCTCCTCAGGAAGGAGCAG
 CTCGTGTTTCTGATCAACAATATGACATGATGCTGGGTGTGCTGATGGAGCGGGCTGCTGACGACAGCA
 AAGAGGTGGAGAGTTCCAGCAGCTGCTCAATGCTCGGACACAGGAGTTCATTGAAGAGTTGCTGTACC
 CCCCTTTGGAGGTCTGGTGGCATTGTGAAGGAGGCTGAAGCCTTGATTGAGCGTGGGCAGGCTGAGCGG
 CTCCGAGGGGAGGAAGCCGAGTCACCCAGCTGATCCGCGGCTTTGGTAGTTCCTGGAAGGGCTCAGTGG
 AGTCCCTGAGTCAGGATGTAATGCGGAGTTTTACCAACTTTGAAATGGAACCAGCATCATCCAGGGGGC
 GCTCACACAGCTGATCCAGCTCTACCATCGCTTCCACCGTGTGCTGTCCAGCCTCAGCTCCGTGCCCTC
 CTTGCCAGGGCCGAACATCAACATCCATCACCTCATGGTGGAGCTGAAGAAACACAAGCCGAACCTCT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_033097

Insert Size: 2172 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_033097.2</u> , <u>NP_149088.1</u>
RefSeq Size:	3196 bp
RefSeq ORF:	2172 bp
Locus ID:	25218
UniProt ID:	<u>O55166</u>
Cytogenetics:	20p12
Gene Summary:	gene is part of major histocompatibility complex [RGD, Feb 2006]