

Product datasheet for **RN205000**

Vps54 (NM_173147) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps54 (NM_173147) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps54
Synonyms:	Vsp54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205000 representing NM_173147
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCAAGCCACAGTTCTTCTCCAGTGCCTCAAGGAAGCAGCAGTGATGTTTTCTTTAAAAAGAGG
 TAGATCCGACAAAGCACGTCCGACCTGTGCAGTCACTGCCAGACGTGTGTCCCAAGGAGCCACAGTTAC
 AGATCAACATAGATGGACTGTGTATCATTCCAAAGTAAATCTCCAGCAGCATTAAATGATCCTACGTTA
 GCAAAAAGAGAATCGGACTTCTTCAAAAACTTGGGGATTGGGCTTTGTGGACACTGAAGTCATACCTT
 CACTCTACCTCCACAGATCAGCAAGGAACATTTTATAGCATATCAGCAGGAGATCTCTCAGAGAGAGAA
 GATTTCATGAGAGATGCAAGAATATTTGCTCTCTAAAGATACCTTTGACAGGACTCTTTACATATTCAT
 GATAAATCCAGGACAGATCTGGAGCAAGTACCTAAGATTTTTATGAAACCAGATTTTGCCTTGGATGATT
 CTTTAACTTTTAATTCAGTTTTACCATGGTCTCATTTTAATACTGCTGGTGGAAAAGGAAATCGTGATGC
 AGCTTCTTCCAAGTTGCTTCAAGAAAAGCTGAGCCATTATCTGGATATTGTGGAAGTCAACATTGCTCAC
 CAGATCTCTCTGCGTTTCAAGACATTTTTTTCATGCAATGACCTCTCAACACGAATTGCAGGACTACCTCA
 AGAAAACTTCCAGGCTGTAAAAATGCTTCGAGATAAAATTGCACAGATTGATAAAGTTATGTGTGAAGG
 ATCACTACAGATTTTAAGACTGGCACTTACCAGAAATAATTGTGTTAAAGTATCCAATAAACTGAAGTTG
 ATGGCCACTGTACACAAACTCAGCCACAGTGCAGGTGCTGCTGTCCACTTCTGAGTTCGTCGGCGCGC
 TGGACTTAATAGCAACGACTCAAGAGGTTCTGCAGCAGGAGCTGCAGGGCGTTTACAGCTTCCGGCATT
 GGGATCACAGCTTTGTGAATTAGAAAAGCTGATTGATAAAATGATGATTGCAGAGTTTTCTACTTATTCT
 CATAGTGACTTAAACAGACCGCTGGAAGGGGAATGCCAAGTTTTAGAAGAGGAAAGATTAGTATCTCTAG
 TGTTTTGGGCTTTTGGACAAAGAAAACCTAATTTTTTGAAGTCTATGGTGAAGAAACGATTATTACGGC
 AAAGAACATCATTAAAGAGTGTGTGATTAAATAAGTTGCACAAGTAGAAGAAATAGACACAGATGCTGTT
 GTGAAGCTTGAGATCAATGAGAATGTGAATTTTCCCAAGTGGATTGATCTGTTAAAGGATATTTTCT
 CTAAGTTTACAATTTTCTACAGAGAGTTAAGGCAACACTGAATGTCATCCACAGTGTTGTTCTCTCAGT
 TCTTGACAAAAACCAAGGACTAGAGAATTGGAGGAGTCTCACAGCAGAGGAGTCTGGAAGGACAAC
 TCCTTGGACACAGAGGTGGCTTACCTGACGCACGAAGGCTGTTTATAAGTACGCTTTCAGTGAGGCTG
 AGCCAGCATCCGCGCAGTCGATACTACCTCTCAGAGAAACACGTCTCCACACAGCGAGCCCTGCAGCAG
 CGATTCCGATCCGAACCAGAATGTACTACTGATTCTCATCCAGCAAGGAGCAGACACCAGCGTCTGCC
 ACTCTGGGAGGTGATAGATCATAGTCAGTGAAGACATGAGATTAAGTACTTGGAGCTTGGAAAATTAG
 CAAGTAACATCCAGGAATTATTGTGAATGCTTCTGACGTATGCCACGATCGAGCTGTCAAATTTCTCAT
 GTCAAGAGCAAAGGATGGTTTTCTTGAAGAGTGAATTCACGGAGTTTATAGCACTGTCGAGATTAATG
 GAGACGTACATCGTGGACACTGAGCAGATTTGTGGGAGGAAGAGCACCTCACTGCTTGGCGCCCTTCA
 GCAAGCAAAAGTTTGTGAACAGGTTTACAGAGGAGAGGCGGACCAAGCTCAGCCTCCTTTAGACAA
 TGAGCGTTGGAAGCAGGCTGATGTGCCCGCAGAATTTACAGGATCTAGTTGATTCTATAGCAGATGGAAAG
 ATCGCTTTACCTGATAAAAAGCCAGCAGTACAGAAGACAGGAAGCCCGCGATGTTCTTGTGTGCGAGG
 GGCACCAAGTATGCTGTCGTCGGAAGTGTCTTGTGTTGATAAGAATCATCCTTGAGTATTGCCAGTGCCT
 GGATAACATCCCTCTGTCACTACTGACATGCTCACTCGCCTGACGGACTTGCTAAAGTACTTCAATTCA
 AGAAGTTGCCAGTTAGTTCTTGGAGCTGGTGCTTTGCAAGTTGTTGGACTAAAAACAATTACTACAAAA
 ACTTGGCCCTCTCTTACGGTGTTTGCAGCTGATTGTGCACTACATTCTGTGATCCGGGCTCACTTTGA
 GGCCCGGCTGCCCGGAAAGCAGTGGAGCTTGTCTCAGGCATTTGATCACATCACCAGGATTACCATGAC
 CATATAGGTGAGATATCATCTAAGCTTATAGCCATAATGGATAGCCTATTTGATAAGCTGTTATCAAGGT
 GTGAGGTGGAAGCTCCTGCTCCTTCTCCATGTTTCAAGGAATTTGTAAGCAAATGACAAAAATGCATGA
 AGCTATATTTGATCTTCTTCCAAAGAACAAACGCAGATGTTAATTTTAAGAAATCAATGCAAGTTACAAA
 TTCCACTTGAAAAACAGTTATCACACTTAAATGTAATAATGATGGAGGACCTCAAAGTGGGTTTGTC
 CAGCAGATGTAGCTTTTACACTGGAAATCTTCAAGCCTTAAAGGCCTTAAAGATCTGGATCTAAATAT
 GGCCGAGATCTGGGAACAGAAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_173147
Insert Size:	2898 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_173147.1, NP_775170.1</u>
RefSeq Size:	4183 bp
RefSeq ORF:	2898 bp
Locus ID:	286932
UniProt ID:	<u>Q9JMK8</u>
Cytogenetics:	14q22
Gene Summary:	may play a role in intracellular protein sorting [RGD, Feb 2006]