

## Product datasheet for **RN208829**

### Vps4b (NM\_001025716) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vps4b (NM_001025716) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vps4b
Synonyms:	MGC116271
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208829 representing NM\_001025716  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCGTCCACGAACACCAACCTCCAGAAAGCAATAGATCTTGAAGCAAAGCAGCCAGGAAGACAAG  
CTGGAACTATGAGGAAGCTCTCCAACCTACCAGCATGCTGTTCAAGTATTTCTCCATGTTGTTAAATA  
TGAAGCACAAGGTGATAAAGCCAAGCAAAGCATCAGGGCCAAGTGTACAGAATATCTTGATAGAGCAGAA  
AACTAAAGGAATATCTGAAGAAAAAGAGAAGAAGCCACAGAAGCCCATGAAAGAGGAACAGTCAGGTC  
CAGTCGATGAGAAGGGGAATGACAGTGTGGGGAAGCAGAATCTGATGATCCTGAAAAAAGAACTGCA  
GAATCAACTTCAAGGTGCCATTGTTATAGAGCGACCGAATGTGAAGTGGAGTGTGTTGCTGGTCTGGAA  
GGACCAAGAAGCTCTAAAGAGGCTGTATTCTGCCTATTAAGTTTCCTCATCTGTTTACAGGGAAGA  
GGACACCTTGAGAGGAATCCTATTATTTGGGCCACCAGGAACAGGAAAACTCTATTAGCCAAAGCTGT  
TGGCAGAGAAGCAAACAACCTCAACGTTTTCTCAATATCTTCCCGACCTGGTGTCTAAGTGGCTGGGG  
GAGAGTAAAACTGGTTAAGAACTTATCCAGCTCGCCAGAGAGAACAAGCCTTCCATCATCTTATCAG  
ATGAGATTGACTCTCTGTGCGGTTCCAGAAGTGAGAATGAGAGCGAGGCTGCACGGAGAATTAAGACTGA  
GTTCTGGTTCAGATGCAAGGAGTTGGTGTGGACAATGATGGCATTGTTGTTCTGGGAGCTACAAATATC  
CCCTGGGTGCTGGACTCTGCAATTAGGCGAAGATTTGAGAAACGTATTTATATTCCTTTGCCTGAAGCCC  
ACGCTCGGGCAGCCATGTTTAGACTGCACTTGGGCAGCACTCAGAACAGCCTCACAGAAGCAGACTTCCA  
AGAGCTTGGGAGGAAGACAGATGGCTATTCAGGAGCAGATATAAGCATCATCGTACGGGATGCACCTATG  
CAGCCTGTGAGAAAAGTTCAGTCGGCTACTCACTTCAAAAAGGTTCTGGGGCCCTCAAGGGCTGATCCTA  
ACTGCATTGTAATGACCTGCTGACACCCTGCTCCGGGAGATCCAGGGGCTATTGAAATGACGTGGAT  
GGATGCCCTGGAGATAAAGCTTTGGAGCCAGTTGTTTCCATGTGGGATATGCTGCGGTCCCTATCCAGC  
ACAAAGCCACAGTCAATGAGCAGGACTTGTGAAACTGAAGAAGTTTACAGAAGATTTGGCCAGGAAG  
GCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001025716

**Insert Size:** 1335 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: [NM\\_001025716.1](#), [NP\\_001020887.1](#)  
RefSeq Size: 2848 bp  
RefSeq ORF: 1335 bp  
Locus ID: 360834  
Cytogenetics: 13p11