

Product datasheet for **RR215314**

Vps26b (NM_001106809) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vps26b (NM_001106809) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Vps26b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215314 representing NM_001106809
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAGCTTCTTCGGCTTCGGGCAGAGCGTGGAGGTGGAATCTTGCTGAATGATCGGGAGAGTAGGAAGC
GAGCAGAGCACAAAGACTGAGGACGGGAAGAAGGAGAAAATTTTCCTCTTCTACGACGGGAAACCGTCTC
GGGAAGGTGAGCCTATCTCTGAAGAACCCCAACAAGCGACTAGAGCACCAGGCATCAAGATCGAGTTC
ATTGGGCAAATCGAACTCTACTATGACCGTGGGAACCACCATGAGTTTGTGTCTCTGGTGAAGGACCTGG
CTCGGCCAGGAGAGATCACCCAATCGCAGGCCTTCGACTTCGAGTTCACCCATGTGGAAAAGCCGTATGA
ATCCTACACAGGACAGAAATGTGAAGCTGCGCTATTTTCCTTCGAGCCACCATCAGCCGCCCGCTCAACGAC
GTTGTCAAAGAGATGGACATTGTAGTTCACACGCTTAGCACGTACCCCGAGCTGAACTCATCCATCAAGA
TGGAAAGTTGGAATCGAGGACTGCCTGCACATCGAATTTGAGTACAACAAATCCAAGTACCACTTGAAGA
TGTCATTGTAGGGAAGATCTACTTCTGCTGGTGAGAATCAAGATCAAGCACATGGAGATAGACATCATC
AAACGGGAGACAACAGGCACGGTCCCAACGTGTACCACGAGAACGACACAATAGCCAAGTATGAGATCA
TGGACGGGGCGCCGGTCCGAGGTGAGTCCATCCCATCAGACTCTTCTGGCAGGGTATGAGCTCACGCC
TACCATGCGGGACATAAATAAGAAGTTCTCTGTGCGCTATTACCTCAACTTGGTGTGATAGATGAGGAG
GAACGGGCTACTTCAAGCAGCAGGAAGTGGTGTGTGGCGGAAGGGTGACATCGTACGGAAGAGCATGT
CCCACCAGGCAGCCATTGCCTCACAGCGCTTCGAGGGCACAACCTCCCTGGGTGAGGTGCGGACCCCTGG
CCAGCTGTCTGACAACAACAGCAGGCAG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215314 representing NM_001106809
 Red=Cloning site Green=Tags(s)

MSFFFGGQSVEVEILLNDAESRKRAEHKTEDGKKEKYFLFYDGETVSGKVSLSLKNPNKRLEHQGKIEF
 IGQIELYYDRGNHHEFVSLVKDLARPGEITQSQAFDFEFTHVEKPYESYTGQNVKLYFLRATISRRLND
 VVKEMDIVVHTLSTYPELNSSIKMEVGIEDCLHIEFEYNKSKYHLKDVI VGKIYFLLVRIKIKHMEIDII
 KRETTGTGPNVYHENDTIAKYEIMDGAPVRGESIPIRLFLAGYELTPTMRDINKKF SVRYLNLVLIDEE
 ERRYFKQQEVVLWRKGDIVRKSMSHQAASQRFEGTSSLGEV RTPGQLSDNNSRQ

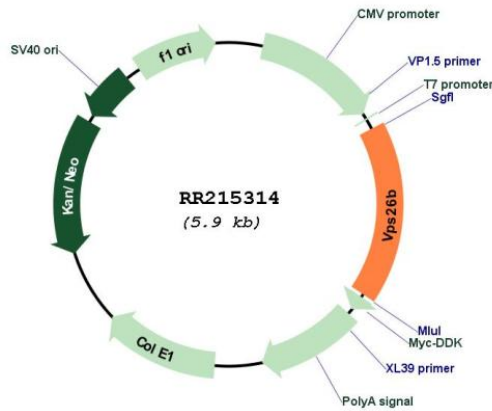
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106809

ORF Size:	1008 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_001106809.1 , NP_001100279.1
RefSeq Size:	3576 bp
RefSeq ORF:	1011 bp
Locus ID:	300472
Cytogenetics:	8q13
MW:	39.1 kDa