

Product datasheet for **RR203959**

Vps28 (NM_001130492) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps28 (NM_001130492) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vps28
Synonyms:	MGC188842
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR203959 representing NM_001130492 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTCACGGGATCCCAGCTACTCCTGGTGTTGGAGCCCCTGGGAACAAGCCGGAGCTATACGAGGAAG
 TAAAGTTGTACAAGAATGCCCGGAGCGGGAGAAGTATGACAACATGGCGGAGCTCTTTCGGTGGTGAA
 AACGATGCAAGCGCTGGAGAAGGCATACATCAAGGACTGCGTCACCCCAATGAGTACACTGCAGCCTGC
 TCCAGGCTCCTGGTCCAGTACAAAGCTGCCTTCCGGCAGGTCCAAGGCTCAGAGATCAGTCCATTGATG
 AATTTTCCGAAAGTTCAGACTGGACTGCCACTTGCTATGGAGCGGATCAAAGAGGACCGACCCATCAC
 CATCAAGGACGACAAGGGCAATCTCAACCGCTGTATTGCGGACGTCGTCTCGCTCTTCATTACAGTCATG
 GACAAGCTGCGTCTGGAGATCCGCGCCATGGACGAGATCCAGCCAGACCTGCGGGAGCTAATGGAGACCA
 TGACAGAAATGAGCCACCTGCCTCCAGACTTTGAGGGCCGCCAAACAGTCAGCCAGTGGCTGCAGACCTT
 GAGTGGTATGTCGGCCTCTGATGAGCTAGATGACTCCCAAGTTCGCCAGATGCTCTTCGATCTGGAGTCA
 GCTTACAATGCCTTCAACCGCTTCTACACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >RR203959 representing NM_001130492

Red=Cloning site Green=Tags(s)

MFHGIPTPGVGAPGNKPELYEEVKLYKNAREREKYDNMAELFAVVKTMQALEKAYIKDCVTPNEYTAAC
SRLLVQYKAAFRQVQGSEISSIDEFCRKFRLCDPLAMERIKEDRPITIKDDKGNLNRCIADVVSFLITVM
DKLRLEIRAMDEIQPDLRELMETMHRMSHLPDFEGRQTVSQWLQTLSGMSASDELDDSQVRQMLFDLES
AYNAENREIHS

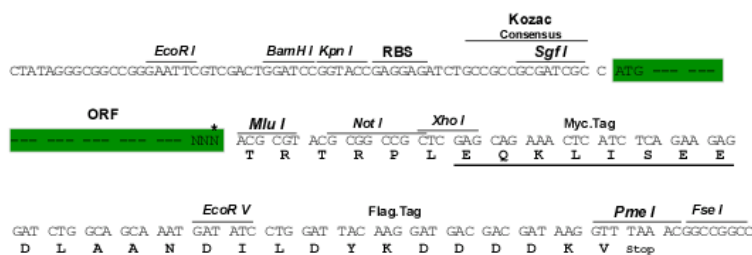
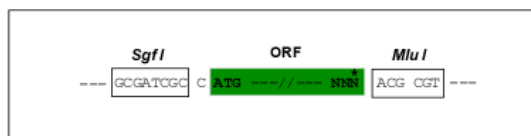
TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM 001130492

ORF Size: 663 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:

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_001130492.1](#), [NP_001123964.1](#)

RefSeq Size: 977 bp

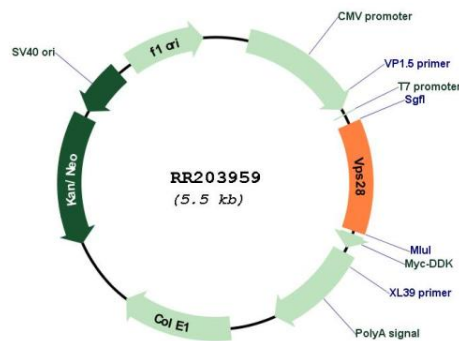
RefSeq ORF: 666 bp

Locus ID: 300052

Cytogenetics: 7q34

MW: 25.5 kDa

Product images:



Circular map for RR203959