

## Product datasheet for RN217618

### Vprbp (NM\_001191798) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vprbp (NM_001191798) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vprbp
Synonyms:	RGD1305176
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217618 representing NM_001191798 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTACAGTAGTGGTACATGTGGACTCCAAAGCTGAGCTCACTACCCTGCTGGAGCAGTGGGAAAAGG  
ACCATGGCAGTGGGCAGGATATGGTACCTATCCTTACCAGGATGTCTGAATTAATTGAAAAAGAAACCGA  
AGAATATCGTAAAGGAGATCCAGATCCGTTTGATGATCGACATCCTGGTCGAGCTGATCCAGAGTGTATG  
CTGGGCCATTTGCTGAGAATACTCTTCAAGAATGATGATTTTCATGAATGCACTGGTGAATGCATATGTGA  
TGACAAGCAGAGAACCCCTTTAAATACTGCAGCTTGCAGACTGCTACTGGACATCATGCCGGGTCTAGA  
AACTGCAGTTGCTTTCAAGAAAAGGAAGGAATTGTTGAAAATCTTTTCAAATGGGCCCGAGAGGCTGAT  
CAGCCACTTAGGACATATTCTACTGGACTGTTGGGAGGTGCTATGGAAAATCAAGATATTGCTGCTAACT  
ACAGAGATGAAAACCTCACAGTTGGTGGCAATAGTGCTTAGAAGACTGAGGGAGCTCCAGCTTCAAGAAGT  
GGCTTTGCGGCAGGACAACAAGCGTCCAAGTCCACGGAAGCTCTCTTCGGAACCCCTTCTGCCTCTGGAT  
GAAGAAGCTGTGGATATGGACTATGGTGACATGGCAGTGGATGTTGTGGATGGAGAGCAAGAAGCTTCTA  
GAGATATGGAGATCTCCTTTTCGCTTGGATTCAAGTCAAGACCAGTAGTAGAGTGAAGTCAAGCAACTAA  
ACCTGAGGAAGGAGGATTAAGAAAAACAAGTCAGCAAAGCATGGTGACAGAGAGAACTTAGGAAGGCC  
AAGCAGAAATTAGGCTTCTCATCTTCTGACCCAGATCGTGTGTTTGTGAGCTGTCTAATAGCAGCTGG  
CAGAAATGTCCCCTGGGTAATCGGCACCAATTATACCCTCTATCCTATGACTCCTGCTATTGAGCAGAG  
ACTTATTCTTCAGTATTTGACCCCTCTAGGAGAGTATCAGGAGTACTTCCCATATTCATGCAACTTGGA  
TCTCGAGAACTGATGATGTTTTATATTGATCTGAAACAGACTAATGACGTCCTGCTTACTTTTGAGGCAC  
TCAAGCACCTAGCATCTCCTGCTCCATAACAAATTTGCCACAGAATTTGTTGCACATGGTGGAGTACA  
GAAATTACTGAAATTCCTCGTCTTCTATGGCGGCAACTGGTGTGTCCATGTGCTTGTATTACCTGTCC  
TACAACCAGGATGCTATGGAAAGAGTTTGCATGCATCCTACAATGTTCTATCTGATGTGGTGAAGTATA  
CCCTATGGTTAATGGAATGTTCTCATGCTTCCAGGATGTTGCCATGCGACTATGTTTTTCTCAATTTGCTT  
CTCATTCCGGCTGTCTTGGAGCTGTTGACCGTTATGACGGTCTTCGTCGGCTGGTGAATTTGATCAGT



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ACTTTGGAGATTTTAAATTTGGAAGACCAGGGTGCACTTTTGAGTGATGATGAAATATTTGCTAGTCGCC  
 AAACAGGAAAACATACCTGCATGGCTCTGCGCAAGTATTTTGAGGCTCACCTGGCCATTAATTTGGAACA  
 AGTCAAGCAGTCACTTCAGAGGACTGAGGGTGGTATTCTTGTTACACCCAGCCTCCATACAAGGCATGC  
 TCATATACTCATGAGCAGATTGTGGAATGATGGAGTTTTTGATAGAATATGGCCAGCTCAGCTATATT  
 GGGAACTGCTGAAGTCTTCTCAAGCTTCTGTGTGCAGCTCTTACTGCAGCTTATTTCCATCGCCTG  
 CAATTGGAAGACCTATTATGCAAGGAATGACACTGTGCGCTTTGCTTTGGATGTCCTGGCTATTCTCACT  
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 CCACTGTAGGTATCAGCATTATTTGGGAGTGGCTGAGGGTGAGTTCTTTATCCATGATGCTGAAATTC  
 GAAGTCAGCACTTCAAATTATCATCAATTGTGTATGTGGCCAGATAACCGAATATCCAGTATTGGCAAA  
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 CGGCAGATCATCAGTAACTTCCCCTTTTCAGTAGCTGCCAGATCAACAGCTGATGAAGGAGCCTGTGC  
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 AGACAGCAACTGTGCTGACGAGAGAGGGTGACCTGCCATGACTGCTGCCTCACATTCTTCTGCTTTCAC  
 CCCAGTAACTGCTGCTGCTTCTCCTGTCTCTTCCCCGGACCCCTCGGATTGCCAACGGCATTGCAAGT  
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 CCCCCAGGGTTCATTGGCTTTGGCTGGCCATCGATGCAGGCAACTCTCCTTTGATTGGTAGGATCAG  
 TTTTATCAGAGAGAGGCCATCACCTTGAATGGCAGGAAAATTCGAGTGTGCGGCAGAAGTCGGACCAT  
 GGTGCATACAGCCAGAGCCCTGCCATAAAAAACAATTGGATAGACATCTTCTTCCCACCTACGCTGG  
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 TTTTCTCTCTTACTCCTCATCAGTGTCTGAGCCAAAACAGAGGCGGCAGGCGCAATAAACTTTACC  
 TCAAGGCTAAACCGCAGGGCATATTTCCAAAATATGGAGGGGTGGATGTTGGATGCTTTGATAGGCACC  
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 GTTTTTAGTGGGCAGGAAGAGGCCAGCTACAAGTGCACAATTCTGCCATCACACATCTTGAACCGTCGA  
 GGGATGGTCTTACTTCTGACGTCTGCCACTTGAGCCAGCCTTTGTCTGCACTTTGGGGGATGAAATC  
 AGTATTTGATATGAAGCATTCTTACAGAAGTCACTATGTTGAGTTCAGTAAGCACTCCAGGATCGG  
 GTCATAGGCACAAAAGGAGACATTGCCATATTTATGATATTCAGACTGGCAACAAGCTGTTGACTCTGT  
 TTAACCCAGATCTTGCCAACAATAACAAGGAACTGTGCCACCTTAATCCTACAGATGATCTTGTCTT  
 AAATGATGGCGTCTCTGGGATGTCGCTCTGCACAGGCCATCCACAAGTTTGACAAGTTCAACATGAAT  
 ATCAGTGGTGTTCATCCAAACGGACTGGAAGTCATCATCAATACAGAGATTTGGGACCTTCGAACCT  
 TTCATCTTTTACACACTGTTCTGCTCTGGATCAATGTCGTGTGGTCTTTAACACACTGGGACAGTGAT  
 GTATGGAGCAATGTTGCAGGCAGATGATGAAGTACTTACTGGAAGAGAGGATGAAAAGCCCTTTGGG  
 TCATCCTTCCGAACATTCATGCAACTGATTATAAACCTATAGCAACTATTGATGTGAAACGGAACATCT  
 TTGACTTGTGCACAGACACCAAAGACTGTTATCTTGTCTGCTCATTGAGAACCAAGGCAGCATGGATGCAT  
 GAATATGGACACAGTGTGCAGGCTTTATGAAGTGGTAGGCAGCGTCTGGCAGAGGATGAGGATGAAGAG  
 GAGGACCAGCAGACAGCTCGGACAACTTGATTTGGAAGATGACATCATCTTATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001191798  
 Insert Size: 4260 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001191798.1, NP_001178727.1</u>
<b>RefSeq Size:</b>	5364 bp
<b>RefSeq ORF:</b>	4260 bp
<b>Locus ID:</b>	315987
<b>Cytogenetics:</b>	8q32