

Product datasheet for **RR200680**

PVR (NM_017076) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PVR (NM_017076) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PVR
Synonyms:	Taa1; Tage4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR200680 representing NM_017076 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCACTCGCCGGTGCCTCTCGTCCCAGGGTGGTTCAGTGGGGCTACTGAGGCTGCTGCTGCTGT
CCTGCTTACGCTCCAGAAAGCGGGTGGGAGATAGCTGTGCAGGTGCTCTCCAATTCGACCGGCTTCTT
GGGAGGGTCTACAGTCTTGCAGTGTAGTCTGGCTTCCAAAGACAATGTGACAATCACTCAGTAACATGG
ATGAAGAGGGATCCAGATGGATCCACCCCTCCGTGGCTGTCTCCACCCCAAGAAGGGGCCAGCATCT
CTGATCCAGAGAGGGTGAAGTCTTGGTTGCCAAGGTGTACGAGGATCTGAGGAACGCATCTCTGGCCAT
CTCGAACTTGCCTGTAGAAGACGAAGGCATCTATGAGTGTGAGATTGCCACGTTCCCCACAGGCAGTAAG
AGCGCCAATGTCTGGCTGAAGGTGTTCCGCCGACCTAAAAACACAGCAGAGGGCCCTGGAGCCCTCTCCCA
CCTTGATGCCGCAGGACGTGGCCAAATGCATCTCTGCTGATGGTCACCCTCCTGGACGAATCACGTGGTC
CTCGAATGTGAATGGAAGCTACCGTGAATGAAGGAAACAGGGTCCCAGCCGGGCACCACCACAGTTATC
AGCTACCTCTCCATGGTGCCTTCTAGCCAGGCAGATGGCAGAACATCACCTGCACAGTGAACATGAAA
GCTTCCAGGAGCCGACCAGCAGCCATTGATCCTTCCCTACCTTATCCACCCGAAGTGCATCTCTGG
CTATGAAGGCAACTGGTACATTGGCCTCACTAACGTGAACCTGACCTGTGAAGCTCGCAGCAAACCCCG
CCCACCAACTATAGCTGGAGCACGGCCACGGTCCCCTTCCCAACTCCACTCATTTCAGGAAAAACGGCA
GTCACCTGCTAATCTCCACCGTGGATGACCTCAATAACACGATCTTTGTGTGCAAAGCCATCAATGCCCT
AGGGTCTGGCAGGGCCAAGTGACCATCTAGTTAAAGAGGCATCTGAGATTCTGCCCAAAGACAAGC
TTAGGCACTGGCTACATCATTGCCATCGTCTTTGTGTCTGATCATCGGAGTAGTAGCAGGCATTGTAT
TCTGAAATACAGGCGTGGTGTGGTGGCAGTCCAGGACCTTAGACAGGGAGAAGCTCCGCTATTACAG
AGCGAATGGCGTCTCTGTCCAAACGTGGAGACGAACAATTGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR200680 representing NM_017076
Red=Cloning site Green=Tags(s)

MAPLAGASRSRVWSVGLLRLLLLSCFTLQKAGGEIAVQVLSNSTGFLGGSTVLHCLSLASKDNVTITQLTW
 MKRDPDGSHPVAVFHPKKGPSISDPERVKFLVAKVYEDLRNASLAINLRVEDEGIYECQIATFPTGSK
 SANVWLKVFARPKNTAEALEPSPTLMPQDVAKCISADGHPPGRITWSSNVNGSYREMKETGSQPQTTVI
 SYLSMVPSSQADGNTITCTVEHESFQEPDQQLILSLPYPEVVISGVEGNWYIGLTVNLTCEARSKPP
 PTNYSWSTATGPLPNSTHFQENGSHLLISTVDLNNNTIFVCKAINALGSGQGQVTLVKEASEILPPKTS
 LGTYIIAIVFCVLIIGVVAGIVFWKYRRGCRQSRTLDRENVRYSAANGVSVPNVETNNLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

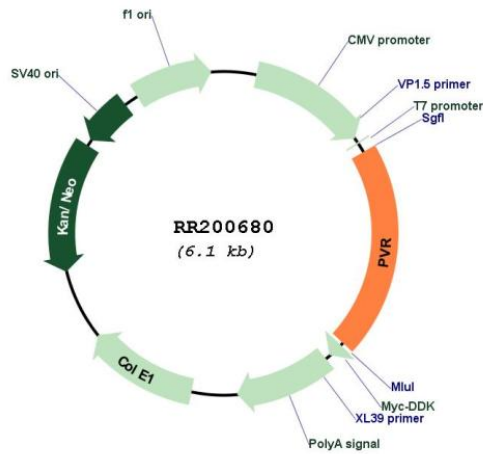
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_017076

ORF Size:	1236 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_017076.2 , NP_058772.2
RefSeq Size:	1938 bp
RefSeq ORF:	1239 bp
Locus ID:	25066
Cytogenetics:	1q21
MW:	44.5 kDa
Gene Summary:	may act as a receptor to mediate entry of some viruses [RGD, Feb 2006]