

Product datasheet for MR206417

Pvr (NM_027514) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pvr (NM_027514) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pvr
Synonyms:	3830421F03Rik; CD155; D7Ert458e; HVED; mE4; necl-5; PVS; Taa1; Tage4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206417 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAACTCGCCGAGCCACCCGCTCCCCGCTGTCATGGCTGCTGCTGTTCTGCTATGCACTCC
GGAAAGCGGGTGGGATATACGTGTGCTGGTGCCTACAATTCGACAGGCGTCTGGGAGGGTCGACCAC
CTTGCACTGTAGTCTGACTTCTAATGAGAATGTGACTATCACTCAAATAACCTGGATGAAGAAGGATTCA
GGTGGATCCCACGCTCTGTGGCTGTCTCCACCCCAAGAAGGGCCCAACATCAAAGAGCCAGAGAGGG
TGAAATCTTGGCTGCCAACAGGATCTGAGGAACGCATCTCTGGCCATCTCGAACTTAAGTGTAGAAGA
CGAAGGCATCTATGAATGTCAGATTGCCACATTCAGAGGCAGTAGAAGCACCAATGCCTGGCTGAAG
GTGCAAGCCCAGCCTAAGAACACTGCAGAGGCCCTGGAGCCCTCTCCACCTTGATACTGCAGGATGTGG
CTAAATGCATCTCTGCCAATGGTCACCCTCCTGGACGAATCTCTTGGCCCTCGAATGTGAATGGAAGTCA
CCGTGAAATGAAGGAACCCAGGGTCCCAGCCGGGACCACCACAGTTACCAGCTACCTCCATGGTACCT
TCTCGCCAGGCAGACGGCAAGAACATCACCTGCACGGTGGAGCATGAAAGCTTACAGGAGCTGGACCAGC
TGCTGGTGACCTTTCCCAACCCTATCCACCTGAAAACGTGTCCATCTCTGGCTATGACGGCAACTGGTA
AAGTGGAGCAGCAGCCAGGGTGACTTTCCCAACTCTGTTAAGCGCCAGGGCAATATGCTTCAATCTCCA
CCGTAGAGGATGGTCTCAATAACACGGTCAATTGTGTGCGAAGTCACCAATGCCCTAGGGTCTGGGACGGG
CCAAGTGCACATCATTGTTAAAGAGAAACCTGAGAATATGCAGCAAAATACAAGATTACACCTAGGCTAC
ATCTTTCTTATCGTCTTTGTCCTCGCTGTAGTCATCATCATCGCAGCACTATACTATAACGAGATGCA
GGCATGGTCGTCTGTCAGTCCAATCCCTCAGAGAGGGAGAACGTCCAGTATTTCATCTGTGAACGGCGA
CTGTAGACTGAACATGGAGCCAAACAGCACAAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206417 protein sequence
 Red=Cloning site Green=Tags(s)

MAQLARATRSPLSWLLLLFCYALRKAGDIRVLVPYNSTGVLGGSTTLHCSLTSNENVTITQITWMKKDS
 GGSHALVAVFHPKKGNIKEPERVKFLAAQDLRNASLAINLSVEDEGIYECQIATFPRGSRSTNAWLK
 VQARPKNTAEALEPSPTLILQDVAKCISANGHPPGRISWPSNVNGSHREMKEPGSQPGTTTTSYLSMVP
 SRQADGNITCTVEHESLQELDQLLVTLSQPYPPENVSISGYDGNWYVGLTNLTLTCEAHSKPAPDMAGY
 NWSTTTGDFPNSVKRQGNMLLISTVEDGLNNTVIVCEVTNALGSGQGQVHIIVKEKPENMQNTRLHLGY
 IFLIVFLAVVIIIAALYTIRRCRHGRALQSNPSERENQYSSVNGDCRLNMEPNSTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_027514

ORF Size: 1227 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_027514.1, NM_027514.2, NP_081790.1

RefSeq Size: 2902 bp

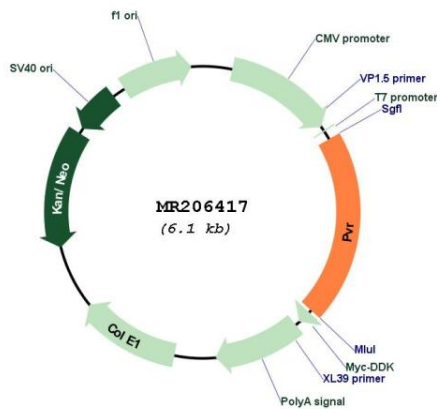
RefSeq ORF: 1227 bp

Locus ID: 52118

Cytogenetics: 7 9.95 cM

MW: 44.7 kDa

Product images:



Circular map for MR206417