

Product datasheet for **MG206417**

Pvr (NM_027514) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pvr (NM_027514) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pvr
Synonyms:	3830421F03Rik; CD155; D7Ert458e; HVED; mE4; necl-5; PVS; Taa1; Tage4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206417 representing NM_027514 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAACTCGCCGAGCCACCCGCTCCCGCTGTCATGGCTGCTGCTGTTCTGCTATGCACTCC
GGAAAGCGGGTGGGATATACGTGTGCTGGTGCCTACAATTCGACAGGCGTCTGGGAGGGTCCACCAC
CTTGCACTGTAGTCTGACTTCTAATGAGAATGTGACTATCACTCAAATAACCTGGATGAAGAAGGATTCA
GGTGGATCCCACGCTCTGTGGCTGTCTCCACCCCAAGAAGGGCCCAACATCAAAGAGCCAGAGAGGG
TGAAATCTTGGCTGCCAACAGGATCTGAGGAACGCATCTCTGGCCATCTCGAACTTAAGTGTAGAAGA
CGAAGGCATCTATGAATGTCAGATTGCCACATTCAGAGGCAGTAGAAGCACCAATGCCTGGCTGAAG
GTGCAAGCCCGACCTAAGAACACTGCAGAGGCCCTGGAGCCCTCTCCACCTTGATACTGCAGGATGTGG
CTAAATGCATCTCTGCCAATGGTCACCCTCCTGGACGAATCTCTTGGCCCTCGAATGTGAATGGAAGTCA
CCGTGAAATGAAGGAACCCAGGGTCCCAGCCGGGCACCACCACAGTTACCAGCTACCTCTCCATGGTACCT
TCTCGCCAGGCAGACGGCAAGAACATCACCTGCACGGTGGAGCATGAAAGCTTACAGGAGCTGGACCAGC
TGCTGGTGACCCTTCCCAACCCTATCCACCTGAAAACGTGTCCATCTCTGGCTATGACGGCAACTGGTA
AAGTGGAGCAGCAGCCAGGGTGACTTCCCAACTCTGTTAAGCGCCAGGGCAATATGCTTCAATCTCCA
CCGTAGAGGATGGTCTCAATAACACGGTCATTGTGTGCGAAGTCACCAATGCCCTAGGGTCTGGCAGGG
CCAAGTGCACATCATTGTTAAAGAGAAACCTGAGAATATGCAGCAAAATACAAGATTACACCTAGGCTAC
ATCTTTCTTATCGTCTTTGTCCTCGCTGTAGTCATCATCATCGCAGCACTATACTATAACGAGATGCA
GGCATGGTCTGCTCTGCAGTCCAATCCCTCAGAGAGGGAGAACGTCCAGTATTTCATCTGTGAACGGCGA
CTGTAGACTGAACATGGAGCCAAACAGCACAAGG

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206417 representing NM_027514
Red=Cloning site Green=Tags(s)

MAQLARATRSPLSWLLLLFCYALRKAGDIRVLVPYNSTGVLGGSTTLHCSLTSNENVITITQITWMKKDS
 GGS HALVAVFHPKKGPNIKEPERVKFLAAQDLRNASLAINLSVEDEGIYECQIATFPRGSRSTNAWLK
 VQARPKNTAEALEPSPTLILQDVAKCISANGHPPGRISWPSNVNGSHREMKEPGSQPGTTT VTSYLSMVP
 SRQADGKNITCTVEHESLQELDQLLVTLSQPYPPENVSISGYDGNWYVGLTNLTLTCEAHSKPAPDMAGY
 NWS TTTGDFPNSVKRQGNMLLISTVEDGLNNTVIVCEVTNALGSGQGQVHIIVKEKPENMQNTRLHLGY
 IFLIVFLAVVIIIAALYTIRRCRHGRALQSNP SERENVQYSSVNGDCRLNMEPNSTR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_027514

ORF Size: 1224 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, NP_081790.1

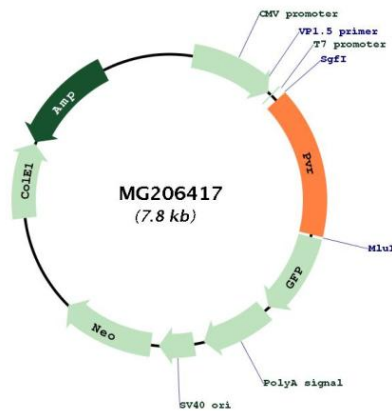
RefSeq Size: 2862 bp

RefSeq ORF: 1227 bp

Locus ID: 52118

Cytogenetics: 7 9.95 cM

Product images:



Circular map for MG206417