

Product datasheet for **MC224843**

Ptprv (NM_007955) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprv (NM_007955) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptprv
Synonyms:	Esp; mOST-PTP; OST; OST-PTP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224843 representing NM_007955 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCCCCGATTCTGTTAGCTGCCCTCTGGCTCCAGGACTCTTTGGCCAGGAAGATGTATGCT
CATCCTTGGATGGGAGCCAGACAGGCAGGGTGGAGGTCCACCTCTGAGTGTGAACGTCAGCAGCCGCGG
AAAGCCTACCAGCCTGTTTCTGAGCTGGGTAGCTGCAGAGCCAGGTGGATTTGACTATGCCCTCTGCCTC
AGGGCTATGAACCTGTCCGGTTTTCCAGAAGGGCAACAGCTCCAAGCTCATAACCAACGAGTCCAGCTTTG
AGTTCCATGGCCTGGTGCAGGGAGTCGCTACCAGCTGGAAGTACTGTCCTAAGACCCTGTTGGCAGAA
TGTCACAATTACCCTCACTGCTCGAACTGCCCTACAGTGGTCCGTGGACTGCAACTGCATAGCACTGGG
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AGCATCCTCCAATGGACAGAGCCTGTCCCTCTGATCACCTAACACTGCGTGCCTTGGGTACCAGTAGCC
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TACCAACCTGACCAAAGTGGTCAGACAAGGCATCTCAACCCACACCTTCTTCCGCTGTCTCCGGGTACA
CCTTACCAGCTGAAGATCTGTGCTGCTGGGCCCCACCAGATTTGGGGACCAATGCCATTGAGTGGA
CCTATCCCTTTACCCATCTGACCTGGTGTGACCCCTTATGGAATGAGCTCTGGGCAAGCTGGAAGGC
AGGGCAGGGAGCCGGGATGGCTATGTAAGTGAAGTAAAGTGGGCCAGTGGAGAATACAACACTCTGGGT
CCTGAGGAGTGCAACGCTGTCTTCCAGGGCCCTGCCTCCAGGACACTACACTTTGGGGCTGAGGGTTC
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CACAGGCTACACAAGTCCCTGCCACCACAGTCTCTGGAGATCATCAGCCGGAACAGCCCATCTGACCTG



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ACTATCGTTGGGCTCCAGCACCAGGGCAGATGGAAGTTATAAGGTCACCTGGCATCAGGATGGCAGCC
 AGAGGTACCTGGCGACCTTGTTGACTTGGGCCCTGACATTTGAGCCTGACTCTGAAATCTCTGGTACC
 TGGTTCCTGTACACCGTGTGAGCATGGGCTGGTCTGGGAACCTCAGCTCTGACTCTCAGAAGATTAC
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 CTTCTGGTGTACCCACCGGTGGCAGGGATGCCTTTACGTTACGGCTTACAGGCTGAGGCCCTGAC
 ACTGAAAAGTGAGAAGATCCTATCCCAGGAGGCCAGAACTTCTCTGGGCCAGCTGCCAGGCTAT
 GAATCCAGGTACAGCTGTCTACCTTGTGGGGTGGAGGAGAGCGGCAGTGCCAACCCACAGGCTGA
 CACCCCTCAGCTCCTACATTGGTAAATGTGACCAGTGAAGCCCCACCCAGCTCCACGTATCCTGGGT
 CCACGCTGCTGGGACCGGAGCAGCTACCAAGTACCCTATACCAGGAGAGCACTCGACAGCCACCAGC
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 CACGTGCACACCAGGCCCTTCTCCAGGAATTTGAGGAGCTGAAGGAGGTGGGCAAGGACCAGCCAGACT
 AGAGGCTGAGCATCCTGCCAACATCACCAGAACCAGTACCACACGCTGCTACCTTATGACCACTCCAGG
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 CTGAGGACGAGTGGACCAGGAGGAAATCCAGCTGCAGCAGGTTGCAGAGCAAAAACAGAGGCGCGTGAA
 GCAGTGCAGTTCACGACCTGGCCAGACCACAGTGTCCCCGAGGCTCCCAGCTCTCTGCTCGCTTTTGTG
 GAACTGGTGCAGGAGGAGGTGAAGGCAACTCAGGGCAAGGGGCCATCCTGGTGCATTGCAGTGGGGTG
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 TGTGTTCAACACTGTGTACATACTCCGGCTGCACCGGCCCTCATGATCCAGACCTTGAGTCAATACAT
 TTCTGACACAGCTGCCTGCTGAACAAGATTCTGGAAGGGCCCTGACGCCTCAGACTCCGCCCCATCC
 CTGTGATGAATTTGCACAAGCTTGTGCCAAGAGGGCAGCCAATGCCAATGCCGGTTTCTTGAAGGAGTA
 CAGGCTCCTGAAGCAGGCCATCAAGGATGAGACTGGCTCTCTGCTGCCCTCCTGACTATAATCAGAAC
 AGCATCGCTCCTGTCATCATTCTCAGGAGCAGTTGGCCCTGGTGGAGGAGAGCCCTGCTGATAACATGC
 TGGCAGCCTCGCTCTCCCTGGTGGGCGTCTGGTCCGACCATGTGGTGTGCTGACTGGCTCGGCCGACC
 AAAGGAACTCTGGGAAATGGTGTGGGAACATGGCGCTATGTGCTGTCTCCCTGGGTCTGCCTGATACC
 AAGGAGAAGCCACAAGACATCTGGCCAATGGAGATGCAGCCTATTGTACAGACATGGTGCAGTGCACA
 GAGTGGCTGAGAGCAACACAGCTGGCTGGCCAGTACCCTCATCAGAGTTATACATGGGGACAGTGGGAC
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 CTGACCTTCTTGTGCTGTGGGCCAGTGTGCTCCCGGGCAATAGCAAGAAGCCAGGGACCTGTCTCA
 GTCACCTCCAGCAAGGTCACAAACCAGCTGAGCACCTTCTTGGCTATGGAACAGCTGTACAGCAAGCAGG
 GACCGAGCGCACAGTGGATGTCTTCAAGTGTGGCCCTGAAGCAGACACAGGCTGTGGCCTTAAAGACCCCA
 ACGCTGGAGCAGTATATCTACCTCTACAACGTCTGAACAGCGCATTGAGGAACAGGCTGCCCCGAGCTA

GGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_007955
Insert Size:	5118 bp
OTI Disclaimer:	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).
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:	<u>NM_007955.3, NP_031981.3</u>
RefSeq Size:	6080 bp
RefSeq ORF:	5118 bp
Locus ID:	13924
Cytogenetics:	1 E4