

Product datasheet for **RN201251**

Pnpt1 (NM_001142371) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnpt1 (NM_001142371) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnpt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201251 representing NM_001142371
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCTTGCAGGCCGTGCTGCTTGTGCCTGTGTCTCCGACCGCTGAGCTGCGGTCCCCTCGGCCGGC
 CAAGGCGGCATCGTGCACCTCAGCTATTTGCAGGTGCGAGCGCTGTGGAGCGGCACCCGGTCCAGAGCAGT
 GACTGTGGACTTGGGACACAGAAAATTAGAAATATCCTCTGAAAACTGGCAAGATTTGCTGATGGCTGT
 GCTGTGGTACAGTCAGGTGATACTGCAGTAATGGTCACAGCGGTGAGCAAAAACAAACCTTCACCTTCCC
 AATTCATGCCATTGGTGGTAGACTACAGACAGAAGGCTGCTGCAGCAGGTAGAATCCCCACAACTACCT
 TAGAAGAGAGATTGGCTCTTCTGACAAAGAGATTCTTACAAGTCGAGTAATAGATCGTTCATTCGACCT
 CTCTTCTGCTGGCTATTTTTATGATACTCAGGTTCTCTGTAATCTGCTAGCAGTAGATGGCATCAATG
 AACCTGATATCTAGCAATTAATGGCGCTTCTGCAGCTCTCTCCTTATCAGATATCCCTTGAATGGACC
 TGTTGGGGCAGTACGAATAGGAATGATCGATGGAGAATGTGTCGTTAACCCAACAAGGAAAGAAATGTCT
 TCTAGCACCTTAAATTTAGTAGTTGCTGGAGCACCTAAAAGCCAAATGTTATGTTGGAAGCCTCTCGAG
 AAAACATTTTACAGCAGGACTTTTGCCATGCTATCAAAGTCGGGGTGAAGTATACGCAGCAGATAATTCA
 GAGCATCCAGCAGTTGGTAAAAGAAATCGGTGTTGCCAAGAGGACACCCAGAAGATATTTACTCCTTCT
 GCAGAGATTGTGAAATACACGCATACAATCGCCATGGAGAACTCTATGCAGTTTTTACAGATTATGAAC
 ATGATAAAGTTTCCAGGGATGAAGCTGTTAACAAGATAAGATTAGATACAGAGGAACATCTAAAGGAAAA
 ATTTCCAGAGGTTGACCAACTTGAATAATAGAATCCTTCAACGTTGTTGCAAAGGAGGTTTTGAGAAGT
 ATATTTTTGAATGAATACAAAAGGTGTGATGGACGAGATCTGACTTCACTTAGGAATATAAGTTGCGAGG
 TAGATATGTTTTAAAACACTTTCATGGATCAGCATTATTTTCAGAGAGGACAAACACAGGTACTGTACTGT
 TACATTTGATTCATTAGAAATCCAGTATTAATCAGATCAAATTATAACAGCTATAAATGGGGTAAAAGAT
 AAAAATTTTCATGTTGCACTATGAGTTTCTCCTTATGCAACCAATGAAACTGGCAAAGTTACTGGTGTA
 ATAGAAGAGAACTTGACATGGTCTTGTGCTGAGAAAGCTTTGTGCTCTGTTATTTCCAAAGATTTTCC
 TTTTACCATAAGAGTTACATCTGAAGTTCTCGAGTCAAACGGGTCATCTTCTATGGCATCTGCATGTGGT
 GGAAGTTTGGCATTAAATGGATGCAGGGTCCCAATTTCTGCTGTTGCAGGTGTAGCAGTGGGATTGG
 TTACAAAAGCAATCCAGAGAAAGGTGAAATAGAAGACTATCGTTTGCTAACAGATATTCTGGGAATTGA
 AGATTACAATGGTGACATGGATTTCAAATAGCTGGTACAATAAAGGAATAACTGCATTACAGGCTGAT
 ATTAAGTTACCTGGAGTACCAGTTAAAAATATAATGGAAGCCATCCAACAAGCAACAGTGGCAAAGAGGG
 AAATATTGCAGACAATGAGCAAAAACGATTTCAAACCTCGAGCATCTAGGAAAGAAAATGGACCAGTTGT
 AGAAACAGTAAAGGTTCCATTATCAAAACGAGCAAAATTCATTGGGCCTGGTGGATACACTTAAAAAAA
 CTCCAGGCTGAGACAGGTGTAACAATTAGTCAGGTTGATGAAGAAACATTCTCCATATTTGCACCAACAC
 CTACTGCAATGCATGAGGCAAGAGACTTCACTACAGAAATTTGCAGAGATGATCAAGAGCAACAATTGGA
 ATTTGGAGCAGTTTATACCGCTACAATAACTGAAATCAGAGACACAGGAGTAATGGTAAAACCTGTATCCA
 AACATGACTGCAGTGTACTTTCATAATTCACAACCTGACCAACGAAAGATTAAACATCCCCTGCCCTGG
 GATTAGAAGTTGGCCAGGAAATTCAGGTCAAATACTTTGGCCGTGATCCAGCTGATGGAAGAATGAGGCT
 TTCCCATAAAGTACTTTCAGTCTCCAGCTACAACGTTTCTCAAACCTCTAAATGATAGGAGCAGCATTGTA
 ATGGGAGAGCCTATTTTCAGTCATCATCTAACTCTTCCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001142371
Insert Size: 2355 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_001142371.1</u> , <u>NP_001135843.1</u>
RefSeq Size:	3441 bp
RefSeq ORF:	2355 bp
Locus ID:	360992
Cytogenetics:	14q22