

## Product datasheet for **RN205447**

### **Pzp (NM\_145779) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pzp (NM_145779) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pzp
Synonyms:	A1m
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205447 representing NM_145779 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGAGAAACCAGCTGCCCATACCAGTCTTTCTTTACTGCTCCTGCTTCTTCCAGAGATGCCACCG  
CAGCTACTGAAAACCACGATATGTGGTCTGGTCCCCTCAGAGCTCTATGCAGGAGTCCCTGAAAAGGT  
CTGTGTCCACCTCAACCACCTGAACGAGACTGTGACACTCAACGTAACCTAGAGTATGGAGTACAGTAC  
TCAAACCTCCTCATAGACCAGGCTGTGGATAAAGGACTCCTCTACTGCAGCTCTTTCACGATCTCAAGGC  
CGCTTTCACCCTCGGCTCTCATTGCTGTGGAGATAAAAGGACCAACGCACCACCTTCATAAAGAAGAAGTC  
AATGTGGATAACAAAAGCTGAGAGCCCAGTCTTTGTCCAGACAGACAAACCCATATACAAACCTGGACAG  
ACAGTGAAATTCGAGTTGTCTCTGTGGACATCAGTTTTTCGCCCGGTTAATGAAACGTTCCCCGTCGTTT  
ATATTGAGAATCCAAGAGGAACAGAATCTTTCAATGGCAAAATGTCGATCTACCAGGAGGACTGCACCA  
GCTCTCTTTCCCACTGTCTGTTGAGCCAGCTCTAGGCATCTACAAGGTTGTAGTGCAGAAGGACTCAGGG  
AAGAAAATAGAACATTCCTTTGAGGTGAAGGAATATGTTTTACCAAATTTGAGGTGCAAGTAAAAATGC  
CCAAGACGATGGCTTTCCTGGAAGAGGAAGTGTGTAAGTCTGTGGCTTATACACATACGGAAAAGCC  
TGTTCTGGTCTGGTGACAATGAAAGTATGCAGAAAATATACACAGTCTACTCCAACCTGCCATGGCCAA  
CACTCGAAAAGTATCTGTGAAGAATTGAGCAACAGGCAGATGAAAAGGATGTTTCAGACAAGTTGTAA  
AAACCAAAGTGTCCAGCCCAGACAGAAAAGGCTATGACATGAAGATAGAGGTGGAAGCCAAGATCAAAGA  
GGACGGAACAGGAATAGAACTAACTGGTACTGGATCATGTGAAATCGCAAATACCTTAAGCAAACCTGAAA  
TTTACTAAAGCGAATACATTTTACAGGCCTGGGCTGCCTTTCTTTGGACAGGTTCTTCTGTTGATGAGA  
AGGGTCAACCAATCCCCAACAAAATCTAACTGTCCAAGTGAATTCAGTTAGGTCCCAGTTCACCTTTTAC  
TACCGATGAGCATGGCTTGCCAAACATTCTCATCGACACCACCAACTTCACGTTTTCGTTTATGGGAATC  
AGGGTCTCTACAAGCAGAACAACATCTGCTTTGATAACTGGTGGGTTGATGAATATCACACACAGGCAG  
ATCATTCTGCAGCTCGCATCTTTTCCCCAAGCCGGAGTTATATTCAACTGAACTGTTCTTGGTACTTT  
GGCTTGTGGGCAAACTCAGGAGATTCGGATACACTTCTTGAATGAAGATGCCCTGAAAGATGCAAAA



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GACTTAACCTTTTACTACCTGATCAAAGCAAGGGGAAGCATCTTTAACTCAGGAAGCCACGTGTTACCGC  
 TTGAACAAGGAAAAGTGAAGGAGTAGTTTCCTCCCAATTCGAGTGGAGCCAGGCATGGCTCCTGTGGC  
 TAAGTGATTGTCTACACTATTTTACCTAATGAAGAACTATTGCTGATGTTCAGAAATTCGACATTGAA  
 AAGTGTTTTGCCAATACGGTGAATTTGAGTTTCCCATCAGCACAGAGCCTGCCAGCCTCTGACACCCACC  
 TGACGGTCAAAGCCACACCTCTGTCCCTGTGTGCCCTCACTGCGGTGACCAGAGTGTGTGCTACTGAA  
 GCCCGAAGCCAAGCTCTCTCAATCAATCTATAATTTGCTGCCAAAAAGGCTGAGCAGGGGGCTTAC  
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 TTTTACCAACACCAGAGTCCACAAACCAGCTATTGTCCAATGTATCAAGCCTATCCGCCTTTGCCCTAC  
 GTAGGAGAGCCTCAAGCCTTAGCTATGTCTGCAATCCCAGGAGCCGGCTACAGATCAAGCAACATTAGGA  
 CCAGCTCAATGATGATGATGGGCGCATCAGAAGTAGCTCAGGAGGTAGAAGTAAGAGAGACAGTGGCGAA  
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 AAGGTCCTGACACCATCACTGAGTGAAGGCCAGTGCATTCTGCTTGTCTGGAAGTACTGGCCTTGGTC  
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 TCGAGGCGAAGCATTTATCCTCAAAGCTACCGTACTCACTACATGCCTCACTGCATTCCGATCCATGTG  
 AGCCTAGAGATGTCTCCTGATTTCTGGCAGTCCCTGTGGGGAGCCATGAAGATTCTATTGCATCTGTG  
 GAAATGAAAGAAAAACCGTGTCTGGGCTGTGACCCCAAAGTCGCTGGGGAGGTGAACCTCACAGCTAC  
 TGCAGAAGCTTTGCAGTCTCCAGAACTGTGTGGCAATAAGGTGGCAGAAGTGCCAGCCCTGTACAGAAG  
 GACACTGTAGTGAAGCCCGTAATAGTCGAGCCTGAAGGAATTGAGAAGGAACAAACGTACAACACACTGT  
 TATGCCACAAGATGTGAGTTACAGGAAAATTGGACTGGATCTTCCAGCCATGTGGTTGAAGGATC  
 TGCCAGGGCTACACAGTCCGTTTTGGGCGATATACTAGGCTCTGCGATGCAAAACCTCCAGAATCTTCTC  
 CAGATGCCCTATGGCTGTGGGGAACAAAACATGGTCTCTCGTCCCTAACATCTACGTTCTGGAGTATC  
 TCAATGAGACACAGCAGCTGACAGAGCGATCAAGTCCAAGCCATTAGTACCTCATCAGCGGGTACCA  
 GAGGCGCTGAACTATCAGCACAGTACCGTTTCATACAGCACATTCCGGGACCGCGGTATGAGGCACAGT  
 CAGGGAACACACTTGGCTCACTGCAATTTGTCTCAAGGCCTTCGCTCAAGCTCAGTCATACATCTATATAG  
 AAAAGACACACATCACAATGCTTTCAATTGGCTCTCGATGAAACAAAGGGAGAACGGTTGTTTCCAACA  
 GTCTGGATCCCTGCTCAACAATGCGATGAAGGGTGGTGTGGATGATGAAGTGACACTCTCTGCCTATATC  
 ACCATTGCTCTGTGGAGATGCCCTGCCTGTCACTCACAGTGTGTTGTAATGCTCTATTCTGCCTGG  
 AAACGGCTGGGCTCCATCTCAAACAGCCAAGAAAGTCATGTCTACACAAAAGCACTGCTGGCCTATGC  
 CTTTGGCCTGGCAGGAAACAGAGCCAAGCGAAGCGAGGTGCTTGAATCCCTAAACAAAGACGCTGTGAAT  
 GAGGAGGAATCAGTGCCTGGCAACGTCTAAGAATGTCGAGGAAAATGTCGGGAAATGAGGTCTTCT  
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 ATCAGCAAAACAACAACTCCCATGGGGGTTCTCCTCCACTCAGGATACAGTGGTGGCTTCAAGCCC  
 TCTCCAAATATGGAGCAGCCACTTTTACGAAAAGTAATAAAGAAGTGTGGTCCCATCGAGTCTCAGG  
 GACCGTCTCTGGGACTCTCCATGTTAACAATGGCAATCGCTGCTGCTGCAGGAAGTCAGGCTGGCAGAT  
 CTGCCCCGAAATTACATACCAAAGTGTGAGGGTCAAGGATGTGTACCTCCAGACATCTCTAAAGTACA  
 ACATCTTCCGGAGGCAGAAGGAGAAGCGCCCTCACTCTGAAGGTCAACACTCTCCCTTAAACTTTGA  
 TAAGGCAGAACATCACAGAAAGTCCAGATCCACATCAACGTAAGCTACATTGGAGAACGACCCAACTCC  
 AACATGGTCATTGTTGATGTGAAGATGGTGTGAGGCTTACACCTGTGAAGCCATCCGTGAAAAAGCTCC  
 AAGACCAGTCTAACATTCAGAGGACTGAAGTGAACACCAACCACGTTCTAATCTACATTGAAAAGCTAAC  
 CAATCAAACCATGGGTTTCTCCTTCCGGTGGAAACAAGACATTCCAGTAAAGAACTTAAACACAGCCCCA  
 GTAAAAGTCTACGATTATTATGAGACAGATGAATCGCCATTGAAGAATACAGCGCCCTTTCAGTCTG  
 ACTCTGAACAAGGAAATGCTAA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_145779  
 Insert Size: 4503 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_145779.2</a> , <a href="#">NP_665722.2</a>
<b>RefSeq Size:</b>	4687 bp
<b>RefSeq ORF:</b>	4503 bp
<b>Locus ID:</b>	252922
<b>UniProt ID:</b>	<a href="#">Q63041</a>
<b>Cytogenetics:</b>	4q42
<b>Gene Summary:</b>	plasma protease inhibitor [RGD, Feb 2006]