

Product datasheet for RN215616

Pno1 (NM_199083) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pno1 (NM_199083) Rat Untagged Clone
Tag: Tag Free
Symbol: Pno1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215616 representing NM_199083
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGATGGAGACGCAAAACACCGGGACGGAGGACGGCTTTACTCCCGTCACGCACAGAGGGGGCC
GCCGGCGAAGAAGCGACAGGCTGAGCAATCGTCAGCGCGGGACAGGATGGAGACGCTGGACGCATGGA
CACGGAGGAGGCGCGGCCGGCGAAGAGGCCGGTCTTCCCGCCGCTCTCGGGAGATCAGCTCCTGACTGGG
AAAGAAGAAACGAGAAAAATCCCGTCCCAGCTAACAGATACACACCATTAAAAGAAAACCTGGATGAAGA
TATTTACCCCGATTGTTGAACATTTAGGACTTCAGATACGCTTTAACCTGAAATCAAGGAATGTAGAAAT
AAGGACTTGTAAGACACCAAGGATGTCAGTGCCCTGACCAAAGCCGCCGACTTTGTGAAAGCCTTTGTT
CTTGGCTTTCAGGTAGAGGATGCGCTTGCCTTATCCGTCTAGATGACCTCTTCTAGAATCTTTTGAAA
TAACTGATGTTAAGCCCCTGAAAGGAGATCACCTGTCCAGGGCAATAGGAAGAATCGCTGGCAAAGGAGG
CAAAACCAAGTTTACCATAGAGAATGTGACGCGGACACGGATTGTCTTGGCAGATGTGAAAGTTCACATT
CTGGGCTCTTTCCAAAACATCAAGATGGCAAGGACGGCCATTTGCAACCTCATCTAGGAAACCTCCAT
CAAAGGTGATGGCAATATCCGAGCTGTGGCCAGCAGATCAGCAGATCGGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_199083
Insert Size: 756 bp



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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:	NM_199083.2 , NP_954514.2
RefSeq Size:	1526 bp
RefSeq ORF:	756 bp
Locus ID:	289809
UniProt ID:	Q6VBQ8
Cytogenetics:	14q22
Gene Summary:	Positively regulates dimethylation of two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA.[UniProtKB/Swiss-Prot Function]