

Product datasheet for RN200003

Pnkd (NM_001134750) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pnkd (NM_001134750) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Pnkd
 Synonyms: Mr-1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN200003 representing NM_001134750
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGGTGGTAGCTGCTACGGCGCTGAAGGGCCGGGGGCGAGAAATGCCCGCTCCTCCGGGGGA
 TCCTCTCTGGAGCGACAGCTAACAAGGCTTCCCAGAACAGGACCAGAGCACTGCAGAGCCACAGCTCACC
 AGAATGCAAGGAGGAGCCTGAGCCCTCTCCCCTGAGCTAGAATACATTCAGAAAGAGGGCAAGAAC
 CCCATGAAAGCTGTGGGACTAGCCTGGTACAGCCTGTACACCCGACCTGGCTCGGGTACCTCTTCTACC
 GACAGCAGCTCCGGAGGGCTCGGAATCGCTTTCCAAAGGCCACTCCAAAACCTCAGCCCAGACTCTTCAA
 TGGAGTGAAGGTGCTTCCATCCCTGCTCTCGGACAACCTACAGCTACCTCATCATCGACACCCAGGCT
 GGGCTGGCAGTGGCTGTGGACCCCTCAGACCCGAGGGCTGTGCAGGCTTCTATTGAAAAGGAAAGAGTTA
 ACTTGTTGCCATTCTCTGTACCCACAAGCACTGGGACCACAGTGGAGGAAACCGTGACCTCAGCCGGCG
 GCACAGGGACTGTCGAGTGTATGGGAGCCCTCAGGATGGTATCCCTACCTACCCATCCCTGTGTCAT
 CAAGATGTGGTCAGCGTGGGACGACTTCAGATTCGAGCCCTGGTACCCCTGGCCACACCAAGGCCATC
 TGGTCTACCTGCTGGATGGGAGCCCTACAAGGGTCCCTCCTGCTCTTCTCAGGGGACCTGCTCTTCT
 CTCTGGCTGTGGACGGACCTTCGAAGGCACAGCAGAGACCATGCTGAGCTCACTGGACACTGTGTTGGAC
 CTGGGCGATGACACCCTGCTGTGGCCTGGACATGAATATGCAGAAGAGAACCTGGGCTTTGCGGGTGTGG
 TGGAGCCCAGAACGTGGCTCGTGAGAGGAAGATGCAGTGGGTACAGAGGCAACGGATGGAACGCAAGAG
 CACATGCCATCCACCCTGGGAGAGGAGCGCGCTACAACCCATTCTGAGAACCCTGCTGGCACTA
 CAGGAGGCTCTGGGGCCCGGGCTGGCCCCACCAGTGATGATGGCTGCTCCCGGGCCAGCTCCTGGAGG
 AGCTGCGCCGGTGAAGGACATGCATAAGAGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001134750
Insert Size:	1158 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_001134750.1, NP_001128222.1</u>
RefSeq Size:	2902 bp
RefSeq ORF:	1158 bp
Locus ID:	100188944
Cytogenetics:	9q33