

Product datasheet for **MC217802**

Pnkd (BC058945) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnkd (BC058945) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnkd
Synonyms:	Tahccp2, MR-1, MNCb-5687
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058945
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGTGGTAGCTGCTACGGCGCTGAAGGGCCGGGGGCGAGAAATGCCCGCTCTCCGGGGA
 TCCTCTCTGGAGCCACAGCTAACAAGGCTTCCCAGAACAGGACCAGAGCACTGCAGAGCCACAGCTCACC
 AGAATGCAAGGAGGAGCCCGAGCCCTCTCCCCTGAGCTAGAATACATTCAGAAAGAGGGGCAAGAAC
 CCCATGAAAGCCGTGGGCTAGCCTGGCCATCGGCTTCCCCTGTGGTATCCTCTTCTCGTCTCACCA
 AGCAGGAAGTGGACAAGGACCGATTGAAGCAGATGAAAGCTCGTCAGAACATGCGGGTGTCCAACACGGG
 CGAGTATAGCCTGTACCCCGAACCTGGCTTGGGTACCTCTTCTACCGACAGCAGCTTCGGAGGGCTCGG
 AATCGCTATCCCAAAGGCCACTCCAAACTCAGCCCCGCTCTTCAATGGAGTGAAGGTGCTTCCCATCC
 CTGTCTCTCGGACAACACAGCTACCTCATCATCGACCCAGGCTGGGCTGGCAGTGGCTGTGGACCC
 CTCAGACCCGAGGGCTGTGCAGGCTTCCATTGAAAAGGAAAGAGTTAACTGGTTGCCATTCTCTGCACC
 CACAAGCACTGGGACCACAGTGGAGGGAACCGTGACCTCAGCCGGCGGCACAGGGACTGTGAGTGTATG
 GGAGCCCTCAGGATGGTATCCCCTACCTCACCCACCCCTGTGTCATCAAGATGTGGTACAGCTGGGACG
 ACTTCAGATTCGAGCCCTAGCCACCCCTGGCCACACTCAAGGCCATCTGGTCTACCTGCTGGATGGGGAG
 CCCTACAAAGGTCTTCTGCCTTCTCAGGGGACCTGCTTCTCTCTGCTGTGGACGGACCTTCG
 AAGGCACAGCGGAGACCATGCTGAGTCACTGGACACTGTGTTAGACCTGGGGATGACACCCTGCTGTG
 GCCTGGGCATGAATACGCAGAAGAGAACCTGGGCTTTCAGGGCGTGGTGGAGCCCGAGAAGTGGCTCGT
 GAGAGGAAGATGCAGTGGGTACAGAGGCAACGGATGGAACGCAAGAGCACATGCCATCCACCCTGGGAG
 AGGAACCGCGCTACAACCCATTCTGAGAACCCATTGCCTGGAACACTACAGGAGGCTCTGGGGCCAGGGCC
 AGGCCCCACCAAGTATGACGGCTGCTCCCGGCCAGCTCCTGGAGGAGCTGCGCCGCTGAAGGACATG
 CATAAAAGCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC058945

Insert Size: 1275 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:

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: [BC058945](#), [AAH58945](#)

RefSeq Size: 3199 bp

RefSeq ORF: 1274 bp

Locus ID: 56695

Cytogenetics: 1 C3

Gene Summary: Probable hydrolase that plays an aggravative role in the development of cardiac hypertrophy via activation of the NF-kappa-B signaling pathway.[UniProtKB/Swiss-Prot Function]