

Product datasheet for **SC123575**

Probable hydrolase PNKD (PNKD) (BC021118) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Probable hydrolase PNKD (PNKD) (BC021118) Human Untagged Clone
Tag:	Tag Free
Symbol:	Probable hydrolase PNKD
Synonyms:	brain protein 17; BRP17; DKFZp564N1362; DYT8; FKSG19; FPD1; KIAA1184; KIPP1184; MGC31943; MR-1; MR1; myofibrillogenesis regulator 1; paroxysmal nonki; paroxysmal nonkinesigenic dyskinesia; PDC; TAHCCP2; trans-activated by hepatitis C virus core protein 2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC021118 edited GAGCGCGGTGAAGCGGGGTGGGATCTGAACATGGCGGCGGTGGTAGCTGCTACGGCGCT GAAGGGCCGGGGGCGAGAAATGCCCGCTCCTCCGGGGATTCTCGCAGGAGCCACAGC TAACAAGGCTTCTATAACAGGACCCGGGCCCTGCAAAGCCACAGCTCCCAGAGGGCAA GGAGGAACCTGAACCCCTATCCCCGAGCTGGAATACATTCCCAGAAAGAGGGGCAAGAA CCCCATGAAAGCTGTGGGACTGGCCTGGCCATCGGCTTCCCTTGTGGTATCCTCCTCTT CATCCTCACCAAGCGGGAAGTGGACAAGGACCGTGTGAAGCAGATGAAGGCTCGGCAGAA CATGCGGTTGTCCAACACGGGCGAGTATGAGAGCCAGAGGTTTCAGGGCTTCTCCAGAG TGCCCCGTCCCCTGATGTTGGGTCTGGGTGCAGACCTGAGGAGCGCTGCGACCCCTCTA GGCTATTGACTGTTAAGTCTCAGGTTTGGCCAGATTCCAGTTCGTGCCTCTGAGGTCC ACCAGAGGGCGCATGAAGCCAGGCTGTTGCCAAACCCTACCCTGCCCCACCAAGGAG CCAGCCAAAGGCAAATAAAGTTATTGAGTGTAGTAGAAAGGGAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC021118 unedited TTTNNGNNGACGCTCAGCATTTGTNATCCAACACTACTANAGGGCGGCCGCAATTCGCA CGAGGGAGCGCGGTGAAGCGGGGTGGGATCTGAACATGGCGCGGTGGTAGCTGCTACG GCGCTGAAGGGCCGGGGGCGAGAAATGCCCGCTCCTCCGGGGATTCTCGCAGGAGCC ACAGCTAACAAGGCTTCTATAACAGGACCCGGGCCCTGCAAAGCCACAGCTCCCCAGAG GGCAAGGAGGAACCTGAACCCCTATCCCCGAGCTGGAATACATTCCCAGAAAGAGGGGC AAGAACCCCATGAAAGCTGTGGGACTGGCCTGGGCCATCGGCTTCCCTTGTGGTATCCTC CTCTTCATCCTCACCAAGCGGGAAGTGGACAAGGACCGTGTGAAGCAGATGAAGGCTCGG CAGAACATGCGGTTGTCCAACACGGGCGAGTATGAGAGCCAGAGTTTCAGGGCTTCTCC CAGAGTCCCCGTCCCCTGATGTTGGGTCTGGGTGCAGACCTGAGGAGCGCTGCGACCC TCCTAGGCTATTGACTGTTAAGTCTCAGGTTTGGCCAGATTCCAGTTCGTGCCTCTGA GGTCCACCAGAGGGCGCATGAAGCCAGGCTGTTGCCAAACCCTACCCTGCCCCACACCA AGGAGCCAGCCAAAGGCAAATAAAGTTATTGGAGTGTAGTNNGAAAGGAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGACTCTAGATTGCGGGCGGGTCATA GCTGTTTCTGAACAGATCCCGGTGGCATCCCTGTGACCCTCCAGTGCCTCTCTGG CCCTGG
Restriction Sites:	Please inquire
ACCN:	BC021118
Insert Size:	684 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>BC021118.1</u> , <u>AAH21118.1</u>
RefSeq Size:	684 bp
RefSeq ORF:	429 bp
Locus ID:	25953
Cytogenetics:	2q35
Protein Families:	Transmembrane

Gene Summary:

This gene is thought to play a role in the regulation of myofibrillogenesis. Mutations in this gene have been associated with the movement disorder paroxysmal non-kinesigenic dyskinesia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]