

Product datasheet for **RC202515A1V**

Human Probable hydrolase PNKD (PNKD) (NM_022572) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Probable hydrolase PNKD (PNKD) (NM_022572) AAV Particle
Tag:	Myc-DDK
Symbol:	Probable hydrolase PNKD
Synonyms:	BRP17; DYT8; FKSG19; FPD1; KIPP1184; MR-1; MR-1S; MR1; PDC; PKND1; PNKD1; R1; TAHCCP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202515 representing NM_022572 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTTGGCAGGGCTGGCCCGCGGCTGGCAGTGGGTCGCGGCTGCTGGCTCCTCCTCGTCTTGTCC
TCGTCTACTTGTGAGCCCCCGCGGCTGCCGAGCGCGCGGGGCTCCGCGGTCTGCTCATGGCGCACAG
CCAGCGGCTGCTCTTCCGAATCGGGTACAGCCTGTACACCCGCACCTGGCTCGGGTACCTCTTCTACCGA
CAGCAGCTGCGCAGGGCTCGGAATCGCTACCTAAAGGCCACTCGAAAACCCAGCCCCGCTCTTCAATG
GAGTGAAGGTGCTTCCCATCCCTGTCTCTCGGACAACCTACAGTACCTCATCATCGACACCCAGGCCCA
GCTGGCTGTGGCTGTGGACCTTCAGACCCTCGGGCTGTGCAGGCTTCCATTGAAAAGGAAGGGGTCACC
TTGGTCGCCATTCTGTGTACTCACAAGCACTGGGACCACAGTGGAGGGAACCGTGACCTCAGCCGCGCGG
ACCGGGACTGTGGGTGTACGGGAGCCCTCAGGACGGCATCCCTACCTACCCATCCCTGTGTCATCA
AGATGTGGTCAGCGTGGGACGGCTTCAGATCCGGGCCCTGGCTACACCTGGCCACACACAAGGCCATCTG
GTCTACCTACTGGATGGGAGCCCTACAAGGTCCCTCCTGCCTCTTCTCAGGGGACCTGCTCTTCTCT
CTGGCTGTGGCGGACCTTTGAGGGCAATGCAGAGACCATGCTGAGCTCACTGGACACTGTGCTGGGGCT
AGGGGATGACACCCTTCTGTGGCTGGTCATGAGTATGCAGAGGAGAACCTGGGCTTTGCAGGTGTGGT
GAGCCCGAGAACCTGGCCGGGAGAGGAAGATGCAGTGGGTGCAGCGGCAGCGGCTGGAGCGCAAGGGCA
CGTGCCCATCTACCCTGGGAGAGGAGCGCTCCTACAACCGTTCTTGAGAACCCACTGCCTGGCGCTACA
GGAGGCTCTGGGCGCGGGCCGGGCCCACTGGGGATGATGACTACTCCCGGGCCAGCTCCTGGAAGAG
CTCCGCGGCTGAAGGATATGCACAAGAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202515 representing NM_022572 Red=Cloning site Green=Tags(s) MAWQGWPAAWQWVAGCWLLLVLVLLVSPRGCRARRGLRGLLMAHSQRLLFRIGYSLYTRTWLGYLFYR QQLRRARNRYPKGHSKTQPRLFNGVKVLPVLSNYSYLIIDTQQLAVAVDPSDPRAVQASIEKEGVT LVAILCTHKKHWDHSGGNRDLRRHRDCRVYGGSPQDGIPYLTHPLCHQDVVSVGRLQIRALATPGHTQGH VYLLDGEPIYKGPSCFLSGDLLFLSGCGRTFEGNAETMLSSLDTVLGLGDDTLLWPGHEYAEENLGFAGVV EPENLARERKMQWVQRQLERKGTCPSTLGEERSYNPFLRTHCLALQEALGPGPGPTGDDDYSSRAQLLEE LRRKDMHKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022572
ORF Size:	1083 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_022572.3
RefSeq Size:	2986 bp
RefSeq ORF:	1086 bp
Locus ID:	25953
UniProt ID:	Q8N490
Cytogenetics:	2q35
MW:	40.6 kDa