

Product datasheet for RC212009A1V

Human PANK1 (NM_148978) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PANK1 (NM_148978) AAV Particle
Tag:	Myc-DDK
Symbol:	PANK1
Synonyms:	PANK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212009 representing NM_148978 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCTTATAAATGGCAAAAAGCAAACATCCCATGGTTTGGCATGGACATCGGTGGAACGCTGGTTA
AATTGGTGTATTTTCGAGCCGAAGGATATTACAGCCGAAGAGGAGCAAGAGGAAGTGGAGAACCTGAAGAG
CATCCGGAAAGTATTTGACTTCTAATACTGCTTATGGGAAAACCTGGGATCCGAGACGTCCACCTGGAACCTG
AAAAACCTGACCATGTGTGGACGCAAAGGAACTGCACCTTCATCCGCTTTCCAGCTGTGCTATGCACA
GGTTCATTCAGATGGGCAGCGAGAAGAAGCTTCTAGCCTTACACCACCTCTGTGCCACAGGAGCGCG
GGCTTTCAAATTCGAAGAGGACTTCAGAATGATTGCTGACCTGCAGCTGCATAAACTGGATGAACCTGGAC
TGTCTGATTACAGGCCTGCTTTATGTCGACTCTGTTGGCTTCAACGGCAAGCCAGAATGTTACTATTTTG
AAAATCCACAAATCCTGAATTGTGCAAAAAAGCCGTAAGCTTGCCTTGATAACCCATACCTATGTTGCT
GGTTAACATGGGCTCAGGTGTCAGCATTCTAGCCGTGTAAGGACAACATAAAAAGAGTTACAGGG
ACCAGTCTGGAGGTGGAACATTCCTAGGCCTATGTTGCTTGGTACTGGTTGTGAGACCTTTGAAGAAG
CTCTGGAATGGCAGCTAAAGGCGACAGCACCAATGTTGATAAACTGGTGAAGGACATTTACGGAGGAGA
CTATGAACGATTTGGCCTTCAAGGATCTGCTGTAGCATCAAGCTTTGGCAACATGATGAGTAAAGAAAAG
CGAGATCCATCAGCAAGGAAGACCTCGCCCGGCCACATTGGTCACCATCACCAACAACATTGGCTCCA
TTGCTCGGATGTGCGCGTTGAATGAGAACATAGACAGAGTTGTGTTTGTGGAAATTTCTCAGAATCAA
TATGGTCTCCATGAAGCTGCTGGCATATGCCATGGATTTTGGTCCAAAGGACAACCTGAAAGCTCTGTTT
TTGGAACATGAGGGTTATTTTGGAGCCGTTGGGGCACTGTTGGAAGTGTCAAATGACTGATGACAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212009 representing NM_148978 Red=Cloning site Green=Tags(s) MKLINGKKQTFPWFMDIGGTLVKLVYFEPKDITAEQQEEVENLKSIRKYLTSNTAYGKTGIRDVHLEL KNLTMCGRKGNLHFIRFPSCAMHRFIQMGSEKNFSSLHTTLCATGGGAFKFEEDFRMIADLQLHKLDEL CLIQGLLYVDSVGFNGKPECYFENPTNPELCQKKPYCLDNPYPMLLVNMGSGVSI LAVYSKDNYKRVTG TSLGGGTFLGLCCLLTGCETFEEALEMAAKGDSTNVDKLVKDIYGGDYERFGLQGSAVASSFGNMMSKEK RDSISKEDLARATLVITINNIGSIARMCALNENIDRVVVFVGNFLRINMVMKLLAYAMDFWSKGLKALF LEHEGYFGAVGALLELEFKMTDDK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_148978
ORF Size:	1119 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:	<u>NM_148978.1</u>
RefSeq Size:	2702 bp
RefSeq ORF:	1122 bp
Locus ID:	53354
UniProt ID:	<u>Q8TE04</u>
Cytogenetics:	10q23.31
MW:	41.5 kDa