

Product datasheet for **RC225997A1V**

Human Paxillin (PXN) (NM_001080855) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Paxillin (PXN) (NM_001080855) AAV Particle
Tag:	Myc-DDK
Symbol:	PXN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225997 representing NM_001080855
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGACGACCTCGACGCCCTGCTGGCGGACTTGGAGTCTACCACCTCCACATCTCCAAACGGCCTGTGT
 TCTTGTGCGAGGAGACCCCTACTCATACCAACTGGAACACACATACCAGGAGATTGCCGTGCCACC
 CCCCCTCCCCCACCCTCCAGCGAGGCCCTCAATGGCACAATCCTTGACCCCTTAGACCAGTGGCAG
 CCCAGCAGCTCCCGATTATCCACCAGCAGCCTCAGTCCTCATCACCTGTGTACGGCTCCAGTGCCAAAA
 CTTCCAGTGTCTCAACCCTCAGGACAGTGTGGCTCTCCGTGCTCCGAGTGGGTGAGGAGGAGCAGT
 CTACAGCTTCCCAACAAGCAGAAATCAGCTGAGCCTTCAACCCACGTAATGAGCAGTCCCTGGGCAGC
 AACCTTTCTGAACTCGACCGCTGCTGTGGAAGTGAACGCTGTACAGCATAACCCGCCAGGCTTCCTG
 CAGATGAGGCCAACTCAAGCCCCCGCTTCTGGGGCCCTGAGCCCCCTCTATGGTGTCCAGAGACTAA
 CAGCCCCCTGGGAGGCAAGCTGGGCCCTGACGAAAGAGAAGCCTAAGCGGAATGGGGCCGGGCGCTG
 GAGGACGTGCGGCCAGTGTGGAGAGTCTCTGGATGAACTGGAGAGCTCCGTGCCAGCCCCGCTCCCTG
 CCATCACTGTGAACAGGGCGAGATGAGCAGCCCGCAGCGCTCACCTCCACCAACAGCAGACACGCAT
 CTCGGCTCCTCTGCCACCAGGGAGCTGGACGAGCTGATGGCTTCGCTGTGCGATTTCAAGATCCAGGGC
 CTGGAGCAAAGAGCGGATGGGGAGCGGTGCTGGCGGCCGGCTGGCCTCGGGACGGCGGGCGGAGCAGCC
 CCGGAGGGCAGGACGAGGGAGGGTTTATGGCCAGGGGAAGACAGGGAGCAGCTCACCCCTGGGGGGCC
 CCCGAAGCCCGGAGCCAGCTGGACAGCATGCTGGGGAGCCTGCAGTCTGACCTGAACAAGCTGGGGTGC
 GCCACAGTGCCTAAAGAGTCTGCGGGCCTGCAAGAAGCCATCGCCGGCAGGTTGTGACCGCCATGG
 GGAAGAGTGGCACCCGAGCACTTCTGCTGCACCCACTGCCAGGAGGAGATCGGATCCCGGAATCTT
 CGAGCGGATGGACAGCCCTACTGTGAAAGGACTACCACAACCTCTTCTCCCGCGCTGCTACTACTGC
 AACGGCCCCATCTGGATAAAGTGGTGACGCCCTTGACCGGAGTGGCACCCCTGAACACTTCTTCTGTG
 CACAGTGTGGAGCCTTCTTTGGTCCGAAGGGTCCACGAGAAGGACGGCAAGGCCTACTGTGCAAGGA
 CTACTTCGACATGTTGCGACCAAGTGTGGCGCTGCGCCGGGCCATCTGGAGAACTATATCTCAGCC
 CTCAACACGCTGTGGCATCTGAGTCTTGTGTGCCGGGAATGCTTCACGCCATTCTGAACGGCAGCT
 TCTTCGAGCAGCAGGGCAGCCCTACTGTGAGGTGCACTACCACGAGCGCGCGGCTCGTGTGTTCTGG
 CTGCCAGAAGCCCATACCGGCCGCTGCATACCGCCATGGCCAAGAAGTTCACCCCGAGCACTTCGTC
 TGTGCTTCTGCCTCAAGCAGCTCAACAAGGGCACCTCAAGGAGCAGAACGACAAGCCTTACTGTCAGA
 ACTGCTTCTCAAGCTTCTCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDDL DALLADLESTTSHISKRPVFLSEETPYSYPTGNHTYQEIAVPPPVPPPSSEALNGTILDPLDQWQ
 PSSSRFIHQPPQSSSPVYGSSAKTSSVSNPQDSVGSPPSRVGEHEHVYFNPKNQKSAEPSPTVMSTSLGS
 NLSELDRLLELNAVQHNPFGPADEANSSPPLPGALSPLYGVPTNSPLGGKAGPLTKEPKRNGRGL
 EDVRPSVESLLDELESSVPSPVAITVNQEMSSPQRTSTQQQTRISASSATRELDLMASLSDFKIQG
 LEQRADGERCWAAGWPRDGGRSSPGGQDEGGFMAQGKTGSSSPGPPKPGSQLDSMLGSLQSDLNKLG
 VATVAKGVCGACKKPIAGQVVTAMGKTWHPEHFVCTHCQEEIGSRNFFERDGPYCEKDYHNLFSRCYYC
 NGPILDKVVTALDRTWHPEHFFCAQCGAFFGPEGFHEKDGKAYCRKDYFDMFAPKCGGCARILENYISA
 LNTLWHPECFVCRECFTPFVNGSFFEHGQPYCEVHYHERRGSLCSGCKPITGRCITAMAKKFHPEHFV
 CAFCLKQLNKGTFFKEQNDKPYCQNCFLKFLC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001080855
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F8926
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_001080855.1</u>
RefSeq ORF:	1776 bp
Locus ID:	5829
UniProt ID:	<u>P49023</u>
Cytogenetics:	12q24.23
MW:	64.3 kDa