

Product datasheet for **RC207926A1V**

Human PASD5 (NPAS1) (NM_002517) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PASD5 (NPAS1) (NM_002517) AAV Particle
Tag:	Myc-DDK
Symbol:	NPAS1
Synonyms:	bHLHe11; MOP5; PASD5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207926 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCGCCCCCTATCCCGGCAGTGGCGGCGGAAGCAGAGTCAAATGCGTGGGAGGCCGCGGCCACGC
TCCCCTGGGACTTTCTACCCGGGCTGATGGTCAAGGCGCCGTCGGAGCCGTGCCTGCAGGCGCAGCGCA
GGAGAAGTCCCGGAACGCGCGCGCTCGCGGCGCGGAAGGAGAACCTGGAGTTCTTCGAGCTGGCCAAG
CTTCTCCCCTGCGCCGGCGCCATCTCCAGCCAGCTGGACAAGGCTTCCATCGTGCCTCAGCGTCACT
ACCTCCGCTGCGCCGTTTCGCCGCTCTGGGGGCGCCGCTGGGGGCTGAGAGCCGCGGGGCCGCCAG
TGGCCTCGCCCCAGGCCGCCGCGCCCCGACGCCTGGTCTCCGAAGTCTTCGAGCAGCACCTGGGAGGT
CACATCTTGAGTCCCTGGATGGCTTTGTGTTGCCTTGAACAGGAAGGAAAAATCCTCTACATCTCAG
AGACAGTCTCCATCTATCTGGGTCTCTCAGAGTGGAGATGACGGGCAGCAGCGTCTTCGACTACATTC
CCCTGGGGACCACTCAGAGGTGCTGGAGCAACTGGGGCTGCGGACGCCGACGCCCGGCCCCCCAACCCG
CCCTCCGTCTCCTCTTCTCTCTCTCTCTCTCGTTGCAGTACACCCCGAGATCGAGGCCAGCCTCA
CCAAGTGCCCCCTCTCTCTGGTGCAGGAGCGCTCTTTGTTCGCATGAATCCACGCTCACCA
GAGGGGCTGCAGCTCAAGGCTCAGGTTACAAGGTCACTTCACGTGACTGGGCGCTTTCGGGCCACGCC
CTGGGCCTTGTCGCCCTCGGGCACAGTTGCCCCGATCCCCCTGGCTGAGCTGCCATCCATGGACACA
TGATCGTCTTCGTCTCAGCTGGGTCTCACCATCCTTGCTTGAGAGCAGAGTCAGCGACCACATGGA
CCTGGGGCCCTCAGAGTGGTGGGCCGAGCTGCTACCAGTTTGTCACGACAGGACGCCACGAGGATC
CGCCAGAGCCACGTGGACTTGCTGGACAAGGGTCAGGTGATGACTGTTACTACCGTTGGCTGCAGCGTG
CCGGGGGCTTCGTGCGCTGCAGTCTGTGGCCACAGTGGCTGGGAGCGGGAAGAGCCCCGGGGAGCACCA
TGTGCTTTGGTCAGCCACGTGCTCAGCCAAGCCGAGGGTGGCCAACTCCTTTGGATGCCTTCAGCT
CCAGCCAGCGTGGCCTGTGAGGAGGCATCCAGCCCGGGGCCAGAGCCACAGAGCCGAGGCTCCGACGG
AAGGGAAGCAGGCTGCCCCAGCGGAGAACGAGGCCCCCAGACCCAGGGCAAAACGCATCAAAGTGGAGCC
CGGCCGAGGGAACCAAAGGCTCCGAGGACAGTGGCGACGAGGATCCCTCCAGCCACCGGCCACACCG
AGGCCGAGTTACCTCTGTATCCGGGCAGGGGTCTTGAAGCAGGATCCGGTGCGGCCATGGGGCTTG
CGCTCCCGGGGACCCCCGCCACCCCTCTGCACGCGGGCTTCTGCCCGCGTGGTGCGGGGCTGTG
CACACCCGGACCATCCGCTACGGCCCCGCGGAGCTGGGCTGGTGTACCCGCACCTGCAGAGGCTGGT
CCGGGCCCGCGCTCCCGAGGGCTTTTACCGCCCCCTGGGCTGCCCTACCCGGGGCCCGCGGCACCA
GGCTGCCCGGAAGGGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207926 protein sequence

Red=Cloning site Green=Tags(s)

MAAPYPGSGGGSEVCKVCGRGASVPWDFLPLGLMVKAPSGPCLQAQRKEKSRNAARSRRGKENLEFFELAK
LLPLPGAISSQLDKASIVRLSVTYLRLRRFAALGAPPWGLRAAGPPAGLAPGRRGPAALVSEVFEQHLGG
HILQSLDGFVFALNQEGKFLYISETVSIYLGLSQVEMTGSSVFDYIHPGDHSEVLEQLGLRTPTPGPPTP
PSVSSSSSSSSSLADTPEIEASLTKVPPSSLVQERSFFVRMKSTLTKRGLHVKASGYKVIHVTGRRAHA
LGLVALGHTLPPAPLAELPLHGHMIVFRLSLGLTILACESRVSDHMDLGPSELVGRSCYQFVHGQDATRI
RQSHVDLLDKGQVMTGYRWLQRAGGFVWLQSVATVAGSGKSPGEHHVLWYSHVLQAEGGQTPLDAFQL
PASVACEEASSPGPEPEPEPTGKQAAPAEAPQTQGRIKIVPEGPRETGKSEDSGDEDPSSHATP
RPEFTSVIRAGVLKQDPVRPWGLAPPGDPPPTLLHAGFLPPVVRGLCTPGTIRYGPAELGLVYPHLQRLG
PGPALPEAFYPLPLPYPGPAGTRLPRKGD

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_002517
ORF Size:	1770 bp
Buffer:	PBS with 0.001% Pluronic F6160
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_002517.2</u>
RefSeq Size:	2066 bp
RefSeq ORF:	1773 bp
Locus ID:	4861
UniProt ID:	<u>Q99742</u>
Cytogenetics:	19q13.32
MW:	62.7 kDa