

Product datasheet for **RC203555A1V**

Human PSAP (NM_002778) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PSAP (NM_002778) AAV Particle
Tag:	Myc-DDK
Symbol:	PSAP
Synonyms:	GLBA; SAP1; SAP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203555 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACGCCCTCTTCTCCTGGCCAGCCTCCTGGGCGCGGCTCTAGCCGCCCGGTCCTTGGACTGAAAG
 AATGCACCAAGGGCTCGGCAGTGTGGTGCCAGAATGTGAAGACGGCGTCCGACTCGCGGGCAGTGAAGCA
 CTGCCTGCAGACCGTTTGAACAAGCCAACAGTGAATCCCTTCCCTGCGACATATGCAAGACGTTGTC
 ACCGCAGCTGGTGATATGCTGAAGGACAATGCCACTGAGGAGGAGATCCTTGTACTTGGAGAAGACCT
 GTGACTGGCTTCCGAAACCAACATGTCTGCTTCATGCAAGGAGATAGTGGACTCCTACCTCCCTGTCTAT
 CCTGGACATCATTAAAGGAGAAATGAGCCGCTCCTGGGAGGTGTGCTCTGCTCTCAACCTCTGCGAGTCT
 CTCCAGAAGCACCTAGCAGAGCTGAATCACCAGAAGCAGCTGGAGTCCAATAAGATCCCAGAGCTGGACA
 TGAAGTGGTGGTGGCCCCCTTATGGCCAACATCCCTCTCCTCTCTACCTCAGGACGGCCCCCGCAG
 CAAGCCCCAGCCAAAGGATAATGGGACGTTTGGCAGGACTGCATTGAGTGGTACTGACATCCAGACT
 GCTGTACGGACCAACTCCACCTTGTCCAGGCCTTGGTGAACATGTCAAGGAGGAGTGTGACCGCCTGG
 GCCCTGGCATGGCCGACATATGCAAGAACTATATCAGCCAGTATTCTGAAATTGCTATCCAGATGATGAT
 GCACATGCAACCAAGGAGATCTGTGCGCTGGTGGGTTCTGTGATGAGGTGAAAGAGATGCCATGCAG
 ACTCTGGTCCCCGCCAAAGTGGCTCCAAGAATGTCTATCCCTGCCCTGGAAGTGGTGGAGCCCATTAAGA
 AGCAGGAGTCCCAGCAAAGTCTGATGTTTACTGTGAGGTGTGTGAATTCCTGGTGAAGGAGTGACCAA
 GCTGATTGACAACAAGACTGAGAAAGAAATCTCGACGCTTTTGACAAAATGTGCTCGAAGCTGCCG
 AAGTCCCTGTGGAAGAGTGGCAGGAGTGGTGGACACGTACGGCAGCTCCATCCTGTCCATCCTGCTGG
 AGGAGGTGAGCCTGAGCTGGTGTGACGATGCTGCACCTCTGCTCTGGCAGCGGCTGCCTGCACTGAC
 CGTTACGTGACTCAGCCAAAGGACGGTGGCTTCTGCGAAGTGTGCAAGAAGCTGGTGGGTATTTGGAT
 CGCAACCTGGAGAAAAACAGCACCAAGCAGGAGATCCTGGCTGCTCTTGAGAAAGGCTGCAGCTTCTGC
 CAGACCCTTACCAGAAGCAGTGTGATCAGTTTGTGGCAGAGTACGAGCCCGTGTGATCGAGATCCTGGT
 GGAGGTGATGGATCCTTCTCTGCTGTGCTTGAATTTGGAGCCTGCCCTCGGCCATAAGCCCTTGTG
 GGAAGTGAAGTGTATATGGGGCCCAAGCTACTGGTGCAGAACACAGAGACAGCAGCCAGTGAATG
 CTGTCGAGCATTGCAACGCCATGTGTGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203555 protein sequence
 Red=Cloning site Green=Tags(s)

MYALFLLASLLGAALAGPVLGLKECTRGSAVWCQNVKTASDCGAVKHCLQTVWNKPTVKSLPCDICKDVV
 TAAGDMLKDNATEEEILVYLEKTCDWLPKPNMSASCKEIVDSYLPVILDIKEMSRPGEVCSALNLCES
 LQKHLAELNHQKQLESNKIPELDMTEVVAPFMANIPLLLYPQDGPGRSKPQPKDNGDVCQDCIQMVTDIQT
 AVRTNSTFVQALVEHVKEECDRLGPGMADICKNYISQYSEIAIQMMHMQPKEICALVGFCEVKEMPMQ
 TLVPAKVASKNVIPALELVEPIKKHEVPAKSDVYCEVCEFLVKEVTKLIDNNKTEKEILDADFDMCSKLP
 KSLSEECQEVVDYTGSSILSILLEEVSPELVCSMLHLCSGTRLPALTVHVTQPKDGGFCEVCKKLVGYLE
 RNLEKNSTKQEILAALEKGSFLPDYQKQCDQFVAEYEPVLEILVEVMDPSFVCLKIGACPSAHKPLL
 GTEKCIWGPSYWCQNTETAAQNAVEHCKRHVWN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002778

ORF Size:

1572 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_002778.2</u>
RefSeq Size:	2839 bp
RefSeq ORF:	1575 bp
Locus ID:	5660
UniProt ID:	<u>P07602</u>
Cytogenetics:	10q22.1
MW:	58.1 kDa