

Product datasheet for **RC200551A1V**

Human PAPSS2 (NM_004670) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAPSS2 (NM_004670) AAV Particle
Tag:	Myc-DDK
Symbol:	PAPSS2
Synonyms:	ATPSK2; BCYM4; SK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200551 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCGGGGATCAAGAAGCAAAAGACGGAGAACCAGCAGAAATCCACCAATGTAGTCTATCAGGCCACC
 ATGTGAGCAGGAATAAGAGAGGGCAAGTGGTTGGAACAAGGGTGGGTTCCGAGGATGTACCGTGTGGCT
 AACAGGTCTCTCTGGTGTGAAAAACAACGATAAGTTTTGCCCTGGAGGAGTACCTTGCTCCCATGCC
 ATCCCTTGTTACTCCCTGGATGGGGACAATGTCCTCATGGCCTTAACAGAAATCTCGGATTCTCTCTG
 GGGACAGAGAGGAAAATATCCGCCGATTGCTGAGGTGGCTAAGCTGTTTGCTGATGCTGGTCTGGTCTG
 CATTACCAGCTTTATTTCTCCATTGCAAGGATCGTGAGAATGCCCCGAAAATACATGAATCAGCAGGG
 CTGCCATTCTTTGAAATATTTGTAGATGCACCTCTAAATATTTGTAAAGCAGAGACGTAAGGCTCT
 ATAAAGGGCCAGAGCTGGGGAGATTAAAGGATTTACAGGTATTGATTCTGATTATGAGAAACCTGAAAC
 TCCTGAGCGTGTGCTTAAACCAATTTGTCCACAGTGAGTGACTGTGTCCACCAGGTAGTGGAACCTCTG
 CAAGAGCAGAATTGTACCCTATACTATAATCAAAGATATCCACGAACCTTTGTGCCGAAAAACAAAC
 TTGACCACGTCCGAGCTGAGGCTGAAACTCTCCCTTCATTATCAATTACTAAGCTGGATCTCCAGTGGGT
 CCAGGTTTTGAGCGAAGGCTGGGCCACTCCCCTCAAAGGTTTCATGCGGGAAGGAGTACTTACAGGTT
 ATGCACTTTGACACCCTGCTAGATGATGGCGTGATCAACATGAGCATCCCCATTGTAAGTCCCGTCTCTG
 CAGAGGATAAGACACGGCTGGAAGGGTGACGCAAGTTTGTCTGGCACATGGTGGACGGAGGGTAGCTAT
 CTTACGAGACGCTGAATTCTATGAACACAGAAAAGAGGAACGCTGTTCCCGTGTGGGGGACAACATGT
 ACAAACACCCCATATCAAAATGGTGATGGAAGTGGGACTGGCTGGTGGTGGAGACCTTCAGGTGC
 TGGAGAAAATAAGATGGAATGATGGGCTGGACCAATACCGTCTGACACCTCTGGAGCTCAACAGAAATG
 TAAAGAAATGAATGCTGATGCGGTGTTTGCATTCCAGTTGCGCAATCCTGTCCACAATGGCCATGCCCTG
 TTGATGCAGGACACTCGCCGAGGCTCCTAGAGAGGGGCTACAAGCACCCGGTCTCCTACTACCCCTC
 TGGGCGGCTGGACCAAGGATGACGATGTGCTCTAGACTGGCGGATGAAGCAGCACGCGCTGTGCTCGA
 GGAAGGGTCTGGATCCCAAGTCAACCATTGTTGCCATCTTCCGTCTCCCATGTTATATGCTGCCCC
 ACAGAGGTCCAGTGGCACTGCAGGTCCCGGATGATTGCGGGTGCCATTTCTACATTGTGGGGAGGGACC
 CTGCAGGAATGCCCCATCTGAAACCAAGAAGGATCTGTATGAACCCACTCATGGGGCAAGGTCTTGAG
 CATGGCCCTGGCCTCACCTCTGTGAAATCATTCCATTCCGAGTGGTGCCTACAACAAAGCCAAAAA
 GCCATGGACTTCTATGATCCAGCAAGGCACAATGAGTTTGACTTCATCTCAGGAATCGAATGAGGAAGC
 TCGCCCGGAAGGAGAGAATCCCCAGATGGCTTCATGGCCCCAAAGCATGGAAGGTCCTGACAGATTA
 TTACAGGTCCCTGGAGAAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200551 protein sequence
 Red=Cloning site Green=Tags(s)

MSGIKKQKTENQKSTNVVYQAHVSRNKRQVVGTRGGFRGCTVWL TGLSGAGKTTISFALEEYLVSHA
 IPCYSLDGDNRHGLNRNLGFSPGDREENIRRIAEVAKLFADAGLVCITSFISPFADRENARKIHESAG
 LPFFEIVFDAPLNICESRDVKGLYKRARAGEIKGFTGIDSDYEKPETPERVLKTNLSTVSDCVHQVVELL
 QEQNIVPYTIIKDIHELFPENKLDHVRAEETLPSLSITKLDLQWVQVLSEGWATPLKGFMRKEYLQV
 MHFDTLDDGVINMSIPIVLPVSAEDKTRLEGCSKFVLAHGRRVAILRDAEFYEHRKEERCSRVTGTC
 TKHPHIKVMESGDWL VGGDLQVLEKIRWNGLDQYRL TPLELKQCKEMNADAVFAFQLRNPVHNGHAL
 LMQDTRRRLLERGYKHPVLLHPLGGWKDDDVPLDWRMKQHAAVLEEGVLDPKSTIVAI FSPMLYAGP
 TEVQWHCRSMIAGANFYIVGRDPAGMPHPETKKDL YEPHGGKVL SMAPGLTSVEIIPFRVAAYNKAKK
 ANDFYDPAHNEFDFISGTRMRKLAREGENPPDGFMAPKAWKVLTDYRSLEKN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_004670
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F5079
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_004670.3</u>
RefSeq Size:	3859 bp
RefSeq ORF:	1845 bp
Locus ID:	9060
UniProt ID:	<u>O95340</u>
Cytogenetics:	10q23.2-q23.31
MW:	69.5 kDa