

Product datasheet for **RC202628A1V**

Human SYT17 (NM_016524) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SYT17 (NM_016524) AAV Particle
Tag:	Myc-DDK
Symbol:	SYT17
Synonyms:	Syt-17; sytXVII
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202628 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGTACATCCAGTTGGAACCATTAACGAGGGTTTTCTTTCTAGAATCTCTGGTCTGCTGCTGTGCA
 GATGGACCTGCCGGCACTGCTGTGAGAAAGTGCTACGAGTCCAGCTGTTGCCAGTCAAGTGAAGATGAAGT
 TGAAATTTCTGGGACCTTTCCCTGCTCAGACCCCTCCCTGGCTGATGGCCAGCCGGAGCAGTGACAAGGAT
 GGTGACTCTGTCCACACGGCCAGCGAAGTCCCGCTGACCCACGGACCAATCCCCGGATGGAAGACGCT
 CGTCTCAGACACATCCAAGTCTACATACAGCTGACGCGGAGGATTCGAGTCTTGAGTCAAGACGCTCC
 CAGCTCTCCACTCATCGATATTAACCCATCGAGTTTGGCGTTCTCAGCGCCAAGAAGGAGCCCCATCAA
 CCTTCGGTGCTCAGACGACCTATAACCCGACGACTATTCAGGAAGTTCGAACCCACCTGTACTCCC
 TCGACTCCAACAGCGACGATGTGGACTCTCTGACAGACGAGGAGATCCTGTCCAAGTACCAGCTGGGCAT
 GCTGCACTTCAGCACTCAGTACGACCTGCTGCACAACCACTCACCGTGGTGTGATCGAGGCCAGGGAC
 CTGCCACTCCCATCTCCACGATGGCTCGCGCCAGGACATGGCGCACTCAACCCCTACGTCAAGATCT
 GTCTCCTGCCAGACCAGAAGAACTCAAAGCAGACCGGGGTCAAACGCAAGACCCAGAAGCCCGTGTGGA
 GGAGCGCTACACCTTCGAGATCCCTTCCTGGAGGCCAGAGGAGGACCTGCTCCTGACCGTGGTGGAT
 TTTGATAAGTTCTCCCGCACTGTGTCATTGGGAAAGTTTCTGTGCCTTTGTGTGAAGTTGACCTGGTCA
 AGGGCGGGCACTGGTGAAGGCGCTGATTCCAGTTCTCAGAATGAAGTGGAGCTGGGGGAGCTGCTTCT
 GTCATGAATTATCTCCAAGTCTGGCAGACTGAATGTTGATGTCATTTCAGCCAAGCAACTTCTTCAG
 ACAGATGTGAGCCAAGTTTCAGACCCCTTTGTGAAAATCCAGCTGGTGCATGGAATCAAAGTTGAAAA
 CCAAGAAGACGTCCTTTCTAAGGGGCACAATTGATCCTTTCTACAATGAATCCTTCAGCTTCAAAGTTCC
 CCAAGAAGAACTGGAAAATGCCAGCCTAGTGTTCAGTTTTCAGTTTTCAGTTTTCAGTTTTCAGTTTTCAG
 TTCATCGGGAGGATCGTATTGGCCAGTACTCTTCAGGCCCCTCTGAGACCAACCACTGGAGGCGCATGC
 TCAACACGCACCGCACAGCCGTGGAGCAGTGGCATAGCCTGAGGTCCCGAGCTGAGTGTGACCGCGTGTCT
 TCCTGCCTCCCTGGAGGTGACC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202628 protein sequence
 Red=Cloning site Green=Tags(s)

MAYIQLEPLNEGFLSRISGLLLCRWTCRHCCQKCYESSCCQSSSEDEVEILGPFPAPQTPPWLMSRSSDKD
 GDSVHTASEVPLTPRTNSPDGRRSSSDTSKSTYSLTRRISSLESRRPSSPLIDIKPIEFGLSAKKEPIQ
 PSQLRRTYNPDYFRKFEPHLYSLDSNSDDVDSLDEEILSKYQLGMLHFSTQYDLLHNHLTVRVIEARD
 LPPPISHDGSRQDMAHNSPYVKICLLPDQKNSKQTGVKRTQKPVFEERYTFEIPFLEAQRRTLLLTVD
 FDKFSRHCIVIGKYSVPLCEVDLVKGGHWWKALIPSSQNEVELGELLLSLNYLPSAGRLNVDVIRAKQLLQ
 TDVSQGSDFVKIQLVHGLKLVKTKTSFLRGTIDPFYNESFSFKVPQEELNASLVFTVFVGHNMKSSND
 FIGRIVIGQYSSGPSETNHWRRMLNTHRTAVEQWHSLSRAECDRVSPASLEV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016524

ORF Size:

1422 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_016524.2</u>
RefSeq Size:	1912 bp
RefSeq ORF:	1425 bp
Locus ID:	51760
UniProt ID:	<u>Q9BSW7</u>
Cytogenetics:	16p12.3
MW:	53.8 kDa