

Product datasheet for **RC221499A1V**

Human SOAT 2 (SOAT2) (NM_003578) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SOAT 2 (SOAT2) (NM_003578) AAV Particle
Tag:	Myc-DDK
Symbol:	SOAT 2
Synonyms:	ACACT2; ACAT2; ARGP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221499 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGCCAGGCGGGCCCGTCTGCGTCTGCAGAGGACAGGAGGCTGGGAGGGGAGCGGAGCGCCAAC
 CCTGTGGAGATGAAACACTGAGACGCACAGAGCCCGGACTTGGTACAATGGACCCGACACATGGAGGC
 TGTGAAGGCACAATTGCTGGAGCAAGCGCAGGGACAAGTGGAGGAGCTGCTGGATCGGGCCATGCGGGAG
 GCTATACAATCCTACCCATCACAAGACAAACCTCTGCCCCACCTCCCCAGGTTCTTGAGCAGGACCC
 AGGAGCCATCCCTGGGAAACAGAAAGTTTTCATCATCCGAAGTCCCTGCTTGATGAGCTGATGGAGGT
 GCAGCATTTCCGACCATCTACCACATGTTTCATCGCTGGCCTGTGTCTTCATCATCAGCACCTGGCC
 ATCGACTTCATTGATGAGGGCAGGCTGCTGCTGGAGTTTGACCTACTGATCTTCAGCTTCGGACAGCTGC
 CATTGGCGCTGGTGACCTGGGTGCCATGTTTCTGTCCACCCTGTTGGCGCCGTACCAGGCCCTACGGCT
 GTGGGCCAGGGCACCTGGACGCAGGCGACGGCCTGGGCTGTGCGCTTTAGCCGCCACGCCGTGGT
 CTCTGCGCGCTGCCGGTCCACGTGGCCGTGGAGCATCAGCTCCCGCCGGCTCCCGTTGTGTCTCGGTCT
 TCGAGCAGGTTAGGTTCTGATGAAAAGCTACTCCTTCCTGAGAGAGGCTGTGCCTGGGATCCTTCGTGC
 CAGACGAGGTGAGGGATCCAGGCCCCAGTTTCTCCAGCTACCTCTACTTCTCTTCTGCCAACACTC
 ATCTACAGGGAGACTTACCCTAGGACGCCCTATGTGAGGTGGAATTATGTGGCCAAGAACTTTGCCCAGG
 CCCTGGGATGTGTGCTCTATGCCTGCTTCATCCTGGGCCGCTCTGTGTTCTGTCTTTGCCAACATGAG
 CCGAGAGCCCTTCAGCACCCGTGCCCTGGTGTCTCTATCCTGCATGCCACGTTGCCAGGCATCTTCATG
 CTGCTGCTCATCTTCTTGCCTCCTCCATTGCTGGCTCAACGCCTTTGCCGAGATGCTACGATTTGGAG
 ACAGGATGTTCTACCGGACTGGTGAACCTCAACGCTCTTCTCAACTACTACCGCACTTGAACGTGGT
 GGTCCATGACTGGCTGTACAGCTACGTGTATCAGGATGGGCTGCGGCTCCTTGGTGCCCGGCCCGGAGGG
 GTAGCCATGCTGGGTGTGTTCTGCTCCGAGTGGCCATGAGTATATCTTCTGCTTCGTCTGGGT
 TCTTCTATCCCGTCATGCTGATACTTCTCCTTGTGATTGGAGGAATGTTGAACCTCATGATGCATGACCA
 GCGCACCGGCCCGCATGGAACGTGCTGATGTGGACCATGCTGTTTCTAGGCCAGGGAATCCAGGTGAGC
 CTGTAAGTCCAGGAGTGGTACGCACGGCGGCACTGCCCTTACCCAGGCAACTTCTGGGGCTGGTGA
 CACCTCGATCTTGGTCTGCCATACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221499 protein sequence
 Red=Cloning site Green=Tags(s)

MEPGGARLRLQRTGGLGGERERQPCGDGNTETHRAPDLVQWTRHMEAVKAQLLEQAQGLRELLDRAMRE
 AIQSYPSQDKPLPPPPGSLSRTQEPSLQKQKVFIIKSLDELMEVQHFRTIYHMFIAGLCVFIISTLA
 IDFIDEGRLLLEFDLLIFSFGQLPLALVTWVPMFLSTLLAPYQALRLWARGTWTQATGLGCALLAAHAVV
 LCALPVMHVAHEQLPPASRCVLVFEQVRFLMKSYSFLREAVPGILRARRGEGIQAPSFSYLYFLFCPTL
 IYRETYPRTPYVRWNYVAKNFAQALGCVLYACFILGRLCVPVFANMSREPFSTRALVLSILHATLPGIFM
 LLLIFFAFLHCWLNAFAEMLRFGRDMFYRDWNSTSFSNYYRTWNVVVDWLYSYVYQDGLRLLGARARG
 VAMLGVLVSAVAHEYIFCFVLGFFYPVMLILFLVIGGMLNFMMDQRTGPAWNVLMWTMLFLGQGIQVS
 LYCQEWYARRHCPLPQATFWGLVTPRSWSCHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003578

ORF Size:

1566 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_003578.2</u>
RefSeq Size:	2073 bp
RefSeq ORF:	1569 bp
Locus ID:	8435
UniProt ID:	<u>O75908</u>
Cytogenetics:	12q13.13
MW:	59.8 kDa