

Product datasheet for **RC206577A1V**

Human alpha Sarcoglycan (SGCA) (NM_000023) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human alpha Sarcoglycan (SGCA) (NM_000023) AAV Particle
Tag:	Myc-DDK
Symbol:	alpha Sarcoglycan
Synonyms:	50DAG; adhalin; ADL; DAG2; DMDA2; LGMD2D; LGMDR3; SCARMD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206577 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCTGAGACACTCTTCTGGACTCCTCTCCTCGTGGTTCCTGGCAGGGCTGGGGACACCGAGGCC
AGCAGACCACGCTACACCCACTTGTGGGCGTGTCTTTGTGCACACCTTGGACCATGAGACGTTTCTGAG
CCTTCTGAGCATGTCTGTCCACCCGCTGTCCACATCACCTACCACGCCACCTCCAGGGACACCCA
GACCTGCCCGGTGGCTCCGCTACACCCAGCGCAGCCCCACCCACCTGGCTTCTCTACGGCTCTGCCA
CCCCAGAAGATCGTGGGCTCCAGGTCATTGAGGTCACAGCCTACAATCGGGACAGCTTTGATACCACTCG
GCAGAGGCTGGTGTGGAGATTGGGGACCCAGAAGGCCCTGTGCCATACCAAGCCGAGTTTCTGGTG
CGCAGCCACGATGCGGAGGAGGTGCTGCCCTCAACACCTGCCAGCCGCTTCTCTCAGCCTTGGGGGAC
TCTGGGAGCCCGAGAGCTTCAGCTGCTCAACGTACCTCTGCCTTGGACCGTGGGGGCCGTGTCCCT
TCCATTGAGGGCCGAAAGAAGGGGTATACATTAAGGTGGTTCTGCCTCACCTTTTCTACTTGCCTG
AAGATGGTGGCATCCCCGATAGCCACGCCGCTGTGCCAGGGCCAGCCTCCACTTCTGTCTTGCTACG
ACACCTTGGCACCCTTCCGCTTGACTGGTGAATGTGACCTGGTGGATAAGTCAGTGCCGGAGCC
TGCAGATGAGGTGCCACCCAGGTGATGGGATCCTGGAGCATGACCCGTTCTTCTGCCACCCACTGAG
GCCCCAGACCGTGACTTCTTGGTGGATGCTCTGGTCACCTCCTGGTGCCCTGCTGGTGCCCTGCTTC
TCACCTTGCTGTGGCTATGTCTGTGCTGCCGGCGGAGGGAAGGCTGAAGAGAGACCTGGCTACCTC
CGACATCCAGATGGTCCACCACTGCACCATCCACGGGAACACAGAGGAGCTGCGCAGATGGCGGCCAGC
CGCGAGGTGCCCGGCCACTCTCCACCTGCCATGTTCAATGTGCACACAGGTGAGCGGCTGCCTCCCC
GCGTGGACAGCGCCAGGTGCCCTCATTCTGGACCAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206577 protein sequence Red=Cloning site Green=Tags(s) MAETLFWTPLLVLVLLAGLGDTEAQQTTLHPLVGRVVFVHTLDHETFLSLPEHVAVPPAVHITYHAHLQGHPLDPRWLRYTQRSPHHPGFLYGSATPEDRGLQVIEVTAYNRDSFDTTRQRLVLEIGDPEGPLL PYQAEFLV RSHDAEEVLPSTPASRFLSALGGLWEPGELQLLNVT SALDRGGRVPLPIEGRKEGVYIKVGSASPFSTCL KMVASPD SHARCAQGQPPLLSCYDTLAPHFRVDWCNVT LVDKSVPEPADEVPTPGDGILEHDPFFCPPT EAPDRDFLV DALVTLLVPLLVALLLTLLLAYVMCCRREGRLKRDLATSDIQMVHHC TIHGNT EELRQMAAS REVPRPLSTLPMFNVHTGERLPPRVDSAQVPLILDQH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000023
ORF Size:	1161 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:	NM_000023.1
RefSeq Size:	1441 bp
RefSeq ORF:	1164 bp
Locus ID:	6442
UniProt ID:	Q16586
Cytogenetics:	17q21.33
MW:	42.9 kDa