

Product datasheet for **RC205382A1V**

Human Chromogranin C (SCG2) (NM_003469) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Chromogranin C (SCG2) (NM_003469) AAV Particle
Tag:	Myc-DDK
Symbol:	SCG2
Synonyms:	CHGC; EM66; Sgll; SN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205382 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAAGCAAAGACCCACTGGCTTGGAGCAGCCCTGTCTCTTATCCCTTTAATTTCTCATCTCTG
 GGGCTGAAGCAGCTTCATTTAGAGAAAACAGCTGCTTCAGAAAAGAACAGACCTCAGGTTGAAAAATGT
 CAAAAAGTTTCCAGTCCTGAAATGATCAGGGCTTTGGAGTACATAGAAAACCTCCGACAACAAGCTCAT
 AAGGAAGAAAGCAGCCAGATTATAATCCCTACCAAGGTGTCTGTCCCCCTTCAGCAAAAAGAAAAATG
 GCGATGAAAGCCACTTGCCCGAGAGGGATTCACTGAGTGAAGAAGACTGGATGAGAATAATACTCGAAGC
 TTTGAGACAGGCTGAAAATGAGCCTCAGTCTGCACCAAAAAGAAAATAAGCCCTATGCCTTGAATTCAGAA
 AAGAACTTTCCAATGGACATGAGTGATGATTATGAGACACAGCAGTGGCCAGAAAGAAAGCTTAAGCACA
 TGCAATTCCTCCTATGTATGAAGAGAATTCAGGGATAACCCCTTTAAACGCACAAATGAAATAGTGGA
 GGAACAATATACTCCTCAAAGCCTTGCTACATTGGAATCTGTCTTCAAGAGCTGGGGAACTGACAGGA
 CCAAAACACCAGAAACGTGAGAGGATGGATGAGGAGCAAAAACCTTATACGGATGATGAAGATGATATCT
 ACAAGGCTAATAACATTGCCTATGAAGATGTGGTCTGGGGGAGAAGACTGGAACCCAGTAGAGGAGAAAAAT
 AGAGAGTCAAACCCAGGAAGAGGTGAGAGACAGCAAGAGAATATAGAAAAAATGAACAAATCAATGAT
 GAGATGAAACGCTCAGGCAGCTTGGCATCCAGGAAGAAGGTCTTCGAAAGAGAGTAAAGACCAACTCT
 CAGATGATGTCTCAAAGTAATTGCCTATTTGAAAAGGTTAGTAAATGCTGCAGGAAGTGGGAGGTTACA
 GAATGGGCAAAATGGGGAAAGGGCCACCAGGCTTTTGGAGAACTCTTGATTCTCAGTCTATTTATCAG
 CTGATTGAAATCTCAAGGAATTTACAGATACCCCCAGAAGACTTAATTGAGATGCTCAAACTGGGGAGA
 AGCCGAATGGATCAGTGAACCGGAGCGGGAGCTTGACCTTCTGTTGACCTAGATGACATCTCAGAGGC
 TGACTTAGACCATCCAGACCTGTTCCAAAATAGGATGCTCTCCAAGAGTGGCTACCCCTAAAACACCTGGT
 GGTGCTGGGACTGAGGCCTACCAGACGGGCTCAGTGTGAGGATATTTTAAATCTTTTAGGGATGGAGA
 GTGCAGCAAAATCAGAAAACGTCGTATTTTCCCAATCCATATAACCAGGAGAAAGTTCTGCCAAGGCTCCC
 TTATGGTGTGGAAGATCTAGATCGAACCAGCTTCCCAAAGCTGCCTGGATTCCACATGTTGAAAACAGA
 CAGATGGCATATGAAAACCTGAACGACAAGGATCAAGAATTAGGTGAGTACTTGCCAGGATGCTAGTTA
 AATACCCTGAGATCATTAAATCAAACCAAGTGAAGCGAGTTCTGGTCAAGGCTCATCTGAAGGTGACCT
 GCAGGAAGAGGAACAAATTGAGCAGGCCATCAAAGAGCATTGTAATCAAGGCAGCTCTCAGGAGACTGAC
 AAGCTGGCCCCGGTGAGCAAAAGGTTCCCTGTGGGGCCCCGAAGAATGATGATACCCCAATAGGCAGT
 ACTGGGATGAAGATCTGTTAATGAAAGTGTGGAATACCTCAACCAAGAAAAGGCAGAAAAGGGAAGGGA
 GCATATTGCTAAGAGAGCAATGGAAAATATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205382 protein sequence
 Red=Cloning site Green=Tags(s)

MAEAKTHWLGAALSLIPLIFLISGAEEASFQRNQLQKEPDLRLENVQKFPSPMIRALEYIENLRQQA
 KEESSPDYNPYQGVSVPLQQKENGDESHLPERDSLSEEDWMRIILEALRQAENEPQSAPKENKPYALNSE
 KNFPMDSDDYETQQWPERKLKHMQFPMPYEENSNDNPFKRTNEIVEEQYTPQSLATLESVVFQELGKLTG
 PNNQKRERMDDEEQLYTDEDDIYKANNIAYEDVVGEDWNVPVEEKIESQTQEEVRDSKENIEKNEQIND
 EMKRSGQLGIQEEGLRKEKSKDQLSDDVSKVIAYLKRVLNAAGSGRLQNGQNGERATRLFEKPLDSQSIYQ
 LIEISRNLQIPPEDLIEMLKTGEKPNGSVEPERELDLPVLDLISEADLDHPDLFQNRMLSKSGYPKTPG
 GAGTEALPDGLSVEDILNLLGMESAANQKTSYFPNPYNQEKVLPRLPYGAGRSRNLQPKAAWIHPVENR
 QMAYENLNDKQELGEYLARMLVKYPEIINSNQKRVPGQGSSEGLQEEEQIEQAIKEHLNQSSQETD
 KLAPVSKRFPVGPKNDDTPNRQYWEDELLMKVLEYLNQEKAEKGREHIAKRAMENM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003469
ORF Size:	1851 bp
Buffer:	PBS with 0.001% Pluronic F5697
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_003469.3</u>
RefSeq Size:	2586 bp
RefSeq ORF:	1854 bp
Locus ID:	7857
UniProt ID:	<u>P13521</u>
Cytogenetics:	2q36.1
MW:	70.7 kDa