

Product datasheet for **RC219802A1V**

Human Sterol carrier protein 2 (SCP2) (NM_002979) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Sterol carrier protein 2 (SCP2) (NM_002979) AAV Particle
Tag:	Myc-DDK
Symbol:	Sterol carrier protein 2
Synonyms:	NLTP; NSL-TP; SCOX; SCP-2; SCP-CHI; SCP-X; SCPX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219802 representing NM_002979
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCTCTTCCCGTGGGAGCCTGCGACCCTGCGCCGGGTGTTCTGTTGGGGTTGGCATGACCAAGT
 TTGTGAAGCCTGGAGCTGAGAATTCAAGAGACTACCTGACTTGGCAGAAGAAGCAGGCAAGAAGGCTTT
 AGCTGATGCACAGATCCCTTATTCAGCAGTGGACCAGGCATGTGTTGGCTATGTTTTGGTGACTCTACC
 TGTGGGACAGGGCTATCTATCACAGTTTGGGAATGACTGGAATTCCTATAATCAATGTCAACAATAACT
 GTGCTACTGGTTCTACTGCTTTGTTTATGGCCCGCCAGCTGATTCAGGGTGGTGTGCAGAATGTGTCTT
 GGCTCTTGGGTTTGAGAAGATGAGTAAGGGAAGCCTTGAATAAAATTTTCAGATAGAACCATTCCCACT
 GATAAGCATGTTGACCTCCTGATCAATAAGTATGGATTGTCTGCTCAGGAGTTGCTCCTCAGATGTTTG
 GGTATGCTGGAAAAGACATATGAAAAATATGGAACAAAAATTGAACACTTTGAAAAATTGGATGGAA
 AAATCATAAACATTTCAGTTAATAACCCGATTCCCACTTCCAAGATGAGTACAGTTTAGATGAAGTGATG
 GCATCTAAAGAAGTTTTTGATTTTTGACTATCTTACAATGTTGTCCCACTTCAGATGGTGTGTCAGCAG
 CAATTTTGCCAGTGAAGCATTGTACAGAAGTATGGCCTGCAATCCAAGCTGTGGAATTTTGGCACA
 AGAAATGATGACTGATTTGCCAAGCTCGTTTGAAGAAAAAGCATTATTAATATGGTTGGCTTTGATATG
 AGTAAAGAAGCTGCAAGAAATGCTATGAGAAATCTGGCCTGACACCAATGATATTGACGTAATAGAAC
 TTCACGATTGCTTTTCTACCAACGAACCTCTTACTTATGAAGCACTGGGACTCTGTCCAGAAGGACAAGG
 TGCAACGCTGGTTGATAGAGGAGATAATACATATGGAGGAAAGTGGGTCATAAATCCTAGTGGTGGACTG
 ATTTCAAAGGGACACCCACTAGGCGCTACAGGCTTGTCTCAGTGTGCAGAACTCTGCTGGCAGCTGAGAG
 GGGAGCCGGAAGAGGCAAGTTCCTGGTGCAAAAGTGGCTCTGCAGCATAATTTAGGCATTGGAGGAGC
 TGTGGTTGTAACTCTACAAGATGGGTTTTCCGGAAGCGCCAGTTCTTTTGAAGTCACTCAAATTGAA
 GCTGTTCCAACAGCTCTGCAAGTATGGATTTAAGGCAATCTTGTTTTTAAGGAGATTGAGAAGAAAC
 TTGAAGAGGAAGGGGAACAGTTTGTGAAGAAATCGGTGGTATTTTGCCTTCAAGGTGAAAGATGGCCC
 TGGGGGTAAAGAGGCCACCTGGGTGGTGGATGTGAAGATGGCAAGGATCAGTGCTTCTAACTCAGAT
 AAGAAGGCTGACTGCACAATCACAATGGCTGACTCAGACTTCTGGCTTAAATGACTGGTAAAATGAATC
 CTCAGTCGGCCTTCTTCAAGGCAAATTGAAAATCACTGGCAACATGGGTCTCGCTATGAAGTTACAAAA
 TCTTCAGCTTCAGCCAGGCAACGCTAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSSSPWEPATLRRVVFVGVGMTKFKVPGAENSRDYPDLAEEAGKKALADAQIPYSAVDQACVGYVFGDST
 CGQRAIYHSLGMTGIPIINVNNNCATGSTALFMRQLIQGGVAECVLALGFEEKMSKSLGIKFSDRITPT
 DKHVDLLINKYGLSAHPVAPQMFYAGKEHMEKYGTKEHFAGIGWKNHKHSVNNPYSQFQDEYSLDEV
 ASKEVDFDLTILQCCPTSDGAAAAILASEAFVQYGLQSKAVEILAQEMMTDLPSSFEEKSIIKMGVDFM
 SKEAARKCYEKSGLTPNDIDVIELHDCFSTNELLYEALGLCPEGQGATLVDRGDNTYGGKWWINPSGGL
 ISKGHPLGATGLAQCAELCWQLRGEAGKRQVPGAKVALQHNLGIGGAVVVTLYKMGFPEAASSFRTHQIE
 AVPTSSASDGFKANLVFKEIEKKLEEEGEQFVKKIGGIFAFKVKDGPGGKEATWVVDVKNKGSVLPNSD
 KKADCTITMADSDFLALMTGKMNPQSAFFQGLKITGNMGLAMKLQNLQLQPGNAKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002979

ORF Size:	1641 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_002979.3</u>
RefSeq Size:	2697 bp
RefSeq ORF:	1644 bp
Locus ID:	6342
UniProt ID:	<u>P22307</u>
Cytogenetics:	1p32.3
MW:	58.8 kDa