

Product datasheet for **RC207844A1V**

Human STPG2 (NM_174952) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human STPG2 (NM_174952) AAV Particle
Tag:	Myc-DDK
Symbol:	STPG2
Synonyms:	C4orf37
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207844 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTATGATCGGGCTCCCGCCTGCTCAAATTGGCTGAAGGTGGCAGCACTGAGGCCATGTGGTCTCTG
 GATCCTACCAGGTACCTTCTGAAGCAGCAGGCGACAGGTAGTAATGCACCATTCTTTCTTTGACTGC
 CAGAGAAAGTACTTTTACCATTGCCTCTAGCATTGAGAAAAGCTGTTCCAGGTCCAGGACACTATAATGTT
 TCAGAAGCACAGAAAATTTCAAGATCACCTACCTTACCAGAAGTGTGATGTTCCCTCAATTCCTTCTT
 GTGGAAAGTCATATGGTTATCATATTAATGATGATGGCAGTATTATAAAATGTTTTCCACCTGCTTGTA
 CAGTACACTTGGTCCAGCATACTACAACTCAATTTGATGTTTCCAATGCAACTTTGAAATACAAAGGT
 ATACATTTTGGCAACTCTTCAGGAAGACAAGAGTTACCTAAAAAGTCAGGTCCTGGTCCAGGACAGTATG
 ATATAGTCCAGAAAAGACATCATATTGAAAATGTTAACATCAAGAGAGATCAACAACAAAATTATTG
 TTCATTTATCCCAGACTATATGAAATAATAGTATTGCAGGAGAAAAAAGAGATTTTTACCTATGAAA
 TCAATCACCCCGCTCCTGGCACATATAATGAACCTCGAACTGCTCTCAAGTCTTGAAGAAAACATCAG
 GACTGAAAAATATTCCATTTGGTCAAAGTGTGTTTCGATTACACAGGACATCAGGACAGAGGAAATGCC
 AGGTCCTGGATTTTATAATGTCTTGAACAATACTATAATTGCCAGTGTAGAAAATATCTGCTCAAAGAAA
 CAGAAGAAAAGTGCATTTGGTCTTCTGTTCTCGGACTTTCTTCTCGGTTCCAGAAAAGCTTGTGCTA
 CCCCTGGACCTGCTGATTATCAGGAATTTTGGCATTACAGGGTGTGGGAATTTCTGATGAATTACCTAA
 CTTGACTAACAAATATGCTGCTTTCTTGTCAAGAGCCAAAAGAAGTATGAAAGTACCAGATATGGTTATT
 CCAGCGCCAGGACAGTATGATGTTCAAAATCATATGAGATGTCCAAGTTAAGCATAAAATATATGCCAC
 CTGCTAGTTTGTGGCTAAAAGAAAACATGCCTTTTTCTTAGTGAACCTCCTCGGTGCCTAGAAAAAGT
 GACTGATGGGCCAGGTCCTGCAGCATAACAATCCTGTTTTAAGGAAATCTTGCCCCATACCCTTATTTGTG
 AAAGCATCAAAGCGCTTTGAAGAGTCCAAAGAGATTACTCCAGGCCAGCAACATATGAGATATCCAGG
 AGAAAAAGAAAGGAAATCTCATTGGTGAATGGCTGCTGATATAATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207844 protein sequence
 Red=Cloning site Green=Tags(s)

MYDRAPRLLKLAEGGSTEAHVGPQSYQVFLKQATGNSAPFLSLTARESTFTIASSIEKAVPGPGHYNV
 SEAQKISRPTLTRSDVPSIPSCGKSYGYHINDGSIKCFPPACDSTLGPAYYKQFDVSNATLKYKG
 IHFGNSSGRQELPKKSGPGQYDIVQKTSYENVNKRDQQNYCSFIPRLYEIIVLQEKKKRFLPMK
 SITPAPGTYNEPRTALKSLKKTSGLNIPFGQSAVRFTQDIRTEEMPGPGFYVNLNNTIIASVRNICSKK
 QKKSAGFSSVPRTFFSVQKEACATPGPQYQEFWHSQGVISDELPNLTNKYAAFLSRAKRTMKVPMVI
 PAPGSYDVHKSYESQVHKYMPRSLVAKRKHASFLSATPRCLEKVTGPGPAAYNPVLRSKSCPIPLFV
 KASKRFEEESKEITPGPATYEISQEKKKGNLIGEMAADIM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_174952

ORF Size:

1377 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_174952.1</u>
RefSeq Size:	1654 bp
RefSeq ORF:	1380 bp
Locus ID:	285555
UniProt ID:	<u>Q8N412</u>
Cytogenetics:	4q22.3-q23
MW:	50.7 kDa