

Product datasheet for **MR230180A1V**

Mouse Steap2 (NM_001285469) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Steap2
Synonyms:	4921538B17Rik; AI930049; AW045895; IPCA-1; IPCA1; PCANAPI; STAMP1; STMP
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230180 representing NM_001285469
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAATCCATCTCTATGATGGGAAGCCCTAAGAGCCTGGAGACGTTTTTGCCTAATGGCATAAATGGTA
 TCAAAGACGCAAGGCAGGTACCCGTGGGGTGATAGGAAGTGGGGATTTTGCCAAGTCTCTGACCATTCCG
 GCTTATTAGATGTGGCTACACGTGGTCATAGGAAGCAGAAATCCCAAGTTTGCATCAGAATTTTTCTCT
 CACGTGGTAGACGTACCCACCATGAAGATGCTTTAACAAAAACAATATAATATTCGTGGCTATCCATA
 GAGAACATTACACCTCCTTGTGGGACCTGAGACATCTGCTTGTGGGCAAAATCCTCATTGATGTGAGCAA
 CAACATGAGAGTAAACCAGTACCCAGAATCCAATGCAGAGTACCTGGCTTCATTATCCCGGACTCCTTG
 ATTGTCAAAGGATTTAATGTGATCTCAGCTTGGCACTTCAGCTAGGTCCCAAGGATGCCAGCCGCCAGG
 TTTATATATGCAGCAACAATATCCAAGCTCGACAGCAGTTATCGAGCTCGCCGCCAGCTGAATTTTAT
 TCCTGTTGACTTGGGATCTTTGTCGTCAGCCAAGGAGATTGAAAACCTACCTCTGCGACTGTTTACTCTC
 TGGAGGGGGCAGTGGTAGTAGCCATAAGCTTGGCCACATTTTCTTTCTTTATTCTTTTGTGAGAGATG
 TGATACATCCATATGCCAGAAACCAGCAGAGTGACTTTTACAAGATTCCCATTGAGATTGTGAACAAAAC
 CTTGCCGATCGTCGCCATCACCTGCTGTCTCTGGTGTACCTGGCTGGCCTCCTGGCAGCTGCGTATCAG
 CTTTATTATGGCTAAGTACCGCCGATTTCCCGGTGGCTGGATACTTGGCTGCAGTGCAGGAACAGC
 TGGGATTGCTGAGCTTCTTCTTGCAGTTGTTACGTAGCCTACAGCCTCTGCTTACCAATGAGGAGGTC
 GGAAAGATACCTGTTCTCAACATGGCTTATCAGCAGGTTTATGCCAATATTGAGAACGCGTGAACGAG
 GAGGAGGTCTGGAGGATTGAGATGTACATTTCTTTGGCATCATGAGCCTGGGCTTGTGTCCCTGCTGG
 CGGTCACTTCCATCCCATCAGTGAGCAACGCTTTGAACTGGAGAGAGTTTCACTTCCAGTCTACGCT
 TGGCTACGTGCGCCTGCTCATCACGACCTTCCACGTGTTAATTTACGGATGGAAGCGTGCCTTTGCAGAA
 GAGTACTACCGCTTTTACACACCACCAAACTTCGTTCTTGCCTCGTTTGGCCTCCATTGTAATTCTGG
 GTAAGATGATTAATCTCTCCCATGCATAAGCCGAAAGCTAAACGAATAAAAAGGGCTGGGAAAAGAG
 CCAGTTTCTAGACGAAGGCATGGGAGGAGCGGTTCTCATCTGTCCCAGAGAGGGTCACAGTGATG

AG**CGGACCG**ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230180 representing NM_001285469
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MESISMMGSPKSLETFLPNGINGIKDARQVTVGVIGSGDFAKSLTIRLIRCGYHVVISRNPKFASEFFP
 HVVDVTHHEDALTKNIIIFVAIHREHYTSLWDLRHLLVGKILIDVSNMRVNPQYPSNAEYLAFLPDLS
 IVKGFNVISAWALQLGPKDASRQVYICSNNIQARQQVIELARQLNFIIPVDLGLSSAKEIENLPLRLFTL
 WRGPVVVAISLATFFFLYSFVRDVIHPYARNQSDFYKIPVIEIVNKTLPVIAITLLSLVYLAGLLAAAYQ
 LYYGTYRRFPWLDTWLQCRKQLGLLSFFFAVVHVAYSLCLPMRRSERYFLNMAQQVHANIEANWNE
 EEVWRIEMYISFGIMSLGLLSLLAVTSIPSVSNALNWREFSFIQSTLGYVALLITTFHVLIYGWKRAFAE
 EYYRFYTPPNFVLALVLPISIVILGKMILLPCISRKLKRIKKGWEKSQFLDEGMGGAIPHLSPEVPTVM

SGPTRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Species: Mouse

Serotype: AAV-2

ACCN: NM_001285469

ORF Size: 1467 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_001285469.1 , NP_001272398.1
RefSeq Size:	10250 bp
RefSeq ORF:	1470 bp
Locus ID:	74051
UniProt ID:	Q8BWB6
Cytogenetics:	5 A1
MW:	55.8 kDa