

Product datasheet for **MR230181A1V**

Mouse Steap2 (NM_001285470) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Steap2 (NM_001285470) AAV Particle
Tag:	Myc-DDK
Symbol:	Steap2
Synonyms:	4921538B17Rik; AI930049; AW045895; IPCA-1; IPCA1; PCANAP1; STAMP1; STMP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230181 representing NM_001285470
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAATCCATCTCTATGATGGGAAGCCCTAAGAGCCTGGAGACGTTTTTGCCTAATGGCATAAATGGTA
 TCAAAGACGCAAGGCAGGTCACCGTGGGGGTAGAGGAAGTGGGGATTTTGCCAAGTCTCTGACCATTCC
 GCTTATTAGATGTGGCTACCACGTGGTCATAGGAAGCAGAAATCCCAAGTTTGCATCAGAATTTTTCT
 CACGTGGTAGACGTCACCCACCATGAAGATGCTTTAACAAAAACAAATAAATATTCTGGCTATCCATA
 GAGAACATTACACCTCCTTGTGGGACCTGAGACATCTGCTTGTGGGCAAATCCTCATTGATGTGAGCAA
 CAACATGAGAGTAAACCAGTACCAGAATCCAATGCAGAGTACCTGGCTTCATTATCCCGGACTCCTTG
 ATTGTCAAAGGATTTAATGTGATCTCAGCTTGGGCACTCAGTAGGTCCAAGGATGCCAGCCGCCAGG
 TTTATATATGCAGCAACAATATCCAAGCTCGACAGCAGGTTATCGAGCTCGCCCGCCAGCTGAATTTTAT
 TCCTGTTGACTGGGATCTTTGTCGTCAGCCAAGGAGATTGAAAACCTTACCTCTGCGACTGTTTACTCTC
 TGGAGGGGGCCAGTGGTAGTAGCCATAAGCTTGGCCACATTTTTCTTTCTTTATTCTTTGTCAGAGATG
 TGATACATCCATATGCCAGAAACCAGCAGAGTGACTTTTACAAGATCCCATGAGATTGTAACAAAAC
 CTTGCCGATCGTCGCCATCACCTGCTGTCTCTGGTGTACCTGGCTGGCCTCCTGGCAGCTGCGTATCAG
 CTTTATTATGGCACTAAGTACCGCCGATTTCCCGTGGCTGGATACTTGGCTGCAGTGCAGGAAACAGC
 TGGGATTGCTGAGCTTCTTTTGCAGTTGTTACAGTACGCTACAGCCTCTGCTTACCAATGAGGAGGTC
 GGAAAGATACTGTTCTCAACATGGCTTATCAGCAGGTTTCATGCCAATATTGAGAACCGGTGGAACGAG
 GAGGAGGCTGGAGGATTGAGATGTACATTTCTTTGGCATCATGAGCCTGGGCTTGTGTCCCTGCTGG
 CGGCTACTTCCATCCCATCAGTGAACGCTTTGAACCTGGAGAGAGTTCAAGTTTCACTCCAGCTACGCT
 TGGCTACGTCGCCCTGCTCATCACGACCTTCCAGTGTAAATTTACGGATGGAAGCGTGGGTTTGAGAA
 GAGTACTACCGCTTTTACACACCACAACTTCTGTTCTTGCCTCGTTTTGCCCTCCATTGTAATTCTGG
 GTAAGATGATATTACTCTCCCATGCATAAGCCGAAAGCTAAAACGAATAAAAAGGGCTGGGAAAAGAG
 CCAGTTTCTAGACGAAGGCATGGGAGGAGCGGTTCTCATCTGTCCCGAGAGGGGTCACAGTGATG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230181 representing NM_001285470
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MESISMMGSPKSLETFLPNGINGIKDARQVTGVIGSGDFAKSLTIRLIRCGYHVVISGRNPKFASEFFP
 HVVDVTHHEDALTKTNIIFVAIHREHYTSLWDLRHLVKGKILIDVSNMVRVNPESNAEYLASLFPDSL
 IVKGFNVISAWALQLGPKDASRQVYICSNNIQARQQVIELARQLNFIQVLDGSLSSAKEIENLPLRFTL
 WRGPVVVAISLATFFFLYSFVRDVIHPYARNQQSDFYKIPKIEIVNKTLPVIVAITLLSLVYLAGLLAAAYQ
 LYYGTYRRFPPLDWTWQCRKQLGLLSFFFAVVHVAYSCLPMMRRESRYLFLNMAYQQVHANIEAWNE
 EEVWRIEMYISFGIMSLGLLSLLAVTSIPSVSNALNWREFSFIQSTLGYVALLITTFHVLIVGWKRAFAE
 EYRYFYTPNFVLAALVLPISIVILGKMILLPCISRKLKRIKKGWEKSQFLDEGMGAVPHLSPERVTVM

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001285470

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:	<u>NM_001285470.1, NP_001272399.1</u>
RefSeq Size:	10215 bp
RefSeq ORF:	1470 bp
Locus ID:	74051
UniProt ID:	<u>Q8BWB6</u>
Cytogenetics:	5 A1
MW:	55.8 kDa