

## Product datasheet for **RC215845A1V**

### Human STEAP2 (NM\_001040665) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human STEAP2 (NM_001040665) AAV Particle
Tag:	Myc-DDK
Symbol:	STEAP2
Synonyms:	IPCA1; PCANAP1; PUMPCn; STAMP1; STMP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC215845 representing NM\_001040665  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAATCAATCTCTATGATGGGAAGCCCTAAGAGCCTTAGTGAAACTTTTTTACCTAATGGCATAAATG  
 GTATCAAAGATGCAAGGAAGGTCAGTGTAGGTGTGATTGGAAGTGGAGATTTTGCCAAATCCTTGACCAT  
 TCGACTTATTAGATGCGGCTATCATGTGGTCATAGGAAGTAGAAATCCTAAGTTTGCTTCTGAATTTTTT  
 CCTCATGTGGTAGATGCACTCATCATGAAGATGCTCTCACAAAAACAAATATAATTTTGTGTATAC  
 ACAGAGAACATTATACCTCCCTGTGGGACCTGAGACATCTGCTTGTGGGTAATACTGATTGATGTGAG  
 CAATAACATGAGGATAAACCAGTACCCAGAATCCAATGCTGAATTTTGGCTCATTATCCCAGATTCT  
 TTGATTGTCAAAGGATTAATGTTGTCTCAGCTTGGGCACTTCAGTTAGGACCTAAGGATGCCAGCCGGC  
 AGGTTTATATATGCAGCAACAATATTCAAGCGGACAACAGGTTATTGAACTTGCCCGCCAGTTGAATTT  
 CATTCCCATTGACTTGGGATCCTTATCATCAGCCAGAGAGATTGAAAATTTACCCCTACGACTCTTACT  
 CTCTGGAGAGGGCCAGTGGTGGTAGCTATAAGCTTGGCCACATTTTTTTTCTTTTATCCTTTGTGAGAG  
 ATGTGATTCATCCATATGCTAGAAACCAACAGAGTGACTTTTACAAAATTCCTATAGAGATTGTGAATAA  
 AACCTTACCTATAGTTGCCATTACTTTGCTCTCCCTAGTATACCTCGCAGGTCTTCTGGCAGCTGCTTAT  
 CAACTTTATTACGGCACCAAGTATAGGAGATTTCCACCTTGGTTGAAACCTGGTTACAGTGTAGAAAAC  
 AGCTTGGATTACTAAGTTTTTCTTCGCTATGGTCCATGTTGCCTACAGCCTCTGCTTACCGATGAGAAG  
 GTCAGAGAGATATTTGTTTCTCAACATGGCTTATCAGCAGGTTTCAATGAAATATTGAAAACCTTGGAA  
 GAGGAAGAAGTTTGGAGAATTGAAATGTATATCTCCTTGGCATAATGAGCCTTGGCTTACTTTCCCTCC  
 TGGCAGTCACTTCTATCCCTCAGTGAGCAATGCTTTAAACTGGAGAGAATTCAGTTTATTCAGTCTAC  
 ACTTGGATATGTCGCTCTGCTCATAAGTACTTTCCATGTTTTAATTTATGGATGGAAACGAGCTTTTGAG  
 GAAGAGTACTACAGATTTTATACACCACCAAACTTTGTTCTTGTCTTGTGTTTGGCCCTCAATTGAAATTC  
 TGGGTAAGATTATTTTATCCTTCCATGTATAAGCCGAAAGCTAAAACGAATAAAAAAGGCTGGGAAAA  
 GAGCCAATTTCTGGAAGAAGGTATGGGAGGAACAATTCCTCATGTCTCCCGGAGAGGGTACAGTAATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC215845 representing NM\_001040665  
 Red=Cloning site Green=Tags(s)

MESISMMGSPKSLSETFLPNGINGIKDARKVTVGVIGSGDFAKSLTIRLIRCGYHVIVIGSRNPKFASEFF  
 PHVVDVTHHEDALTKTNIIFVAIHREHYTSLWDLRHLLVGKILIDVSNMNRINQYPSNAEYLASLFPDS  
 LIVKGFNVVSAWALQLGPKDASRQVYICSNNIQARQQVIELARQLNFIPIIDLGSLSSAREIENLPLRLFT  
 LWRGPVVVAISLATFFFLYSFVRDVIHPYARNQQSDFYKIPIEIVNKTLPIVAITLLSLVYLAGLLAAAY  
 QLYYGTKYRRFPFWLETWLQCRKQLGLLSFFFAMVHVAYSCLPMRRSERYLFLNMAQQVHANIENSWN  
 EEEVWRIEMYISFGIMSLGLLSLLAVTIPSVSNALNWREFSFIQSTLGYVALLISTFHVLIYGWKRAFE  
 EYYRFYTPPNFVLALVLPISIVILGKIILFLPCISRKLKRIKKGWEKSQFLEEGMGGTIPHVSPERVTVM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001040665

**ORF Size:**

1470 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001040665.1</u>
<b>RefSeq Size:</b>	6708 bp
<b>RefSeq ORF:</b>	1473 bp
<b>Locus ID:</b>	261729
<b>UniProt ID:</b>	<u>Q8NFT2</u>
<b>Cytogenetics:</b>	7q21.13
<b>MW:</b>	55.9 kDa