

Product datasheet for **RC216917A1V**

Human STEAP4 (NM_024636) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human STEAP4 (NM_024636) AAV Particle
Tag:	Myc-DDK
Symbol:	STEAP4
Synonyms:	SchLAH; STAMP2; TIARP; TNFAIP9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216917 representing NM_024636
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAAAACCTGTATAGATGCACTTCTCTTACTATGAATTCTTCAGAAAAGCAAGAGACTGTATGTA
 TTTTGGAACTGGTGATTTTGGAAAGATCACTGGGATTGAAAATGCTCCAGTGTTGTTTCTGTTGTTTT
 TGGAAAGTCGAAACCCAGAGACCACCTACTGCCAGTGGTGCAGAACTCTGAGCTATTGAGAACTG
 GCCAAGAAGTCTGACATCATAATCATAGCAATCCACAGAGAGCATTATGATTTTCTCACAGAATTAAGT
 AGGTTCTCAATGGAAAAATATTGGTAGACATCAGCAACAACCTCAAAATCAATCAATATCCAGAATCTAA
 TGCAGAGTACCTTGCTCATTTGGTGCCAGGAGCCACGTGGTAAAAGCATTAAACACCATCTCAGCCTGG
 GCTCTCCAGTCAGGAGCACTGGATGCAAGTCGGCAGGTGTTTGTGTGGAAATGACAGCAAAGCCAAGC
 AAAGAGTGATGGATATTGTTCTGAATCTTGGACTTACTCCAATGGATCAAGGATCACTCATGGCAGCCAA
 AGAAATTGAAAAGTACCCCTGCAGCTATTTCCAATGTGGAGGTCCCCTTCTATTTGTCTGCTGTGCTG
 TGTGTCTTCTGTTTTCTATTGTGTTATAAGAGACGTAATCTACCCCTATGTTTATGAAAAGAAAGATA
 ATACATTTCTGATGGCTATTTCCATTCCAAATCGTATCTTTCCAATAACAGCACTTACACTGCTTGCTTT
 GGTTTACCTCCCTGGTGTTATTGCTGCCATTCTACAACGTACCGAGGCACAAAATACCGTCGATCCCA
 GACTGGCTTGACCACTGGATGCTTTGCCGAAAGCAGCTTGCTTGGTAGCTCTGGGATTGCTTCTCTTC
 ATGTCCTCTACACACTTGTGATTCTTATTCGATATTATGTACGATGGAGATTGGGAACTTAACCGTTAC
 CCAGGCAATACTCAAGAAGGAGAATCCATTTAGCACCTCTCAGCCTGGCTCAGTGATTCATATGTGGCT
 TTGGGAATACTTGGGTTTTTCTGTTTGTACTCTTGGGAATCACTTCTTGGCATCTGTTAGCAATGCAG
 TCAACTGGAGAGAGTCCGATTTGTCCAGTCCAACTGGGTATTGACCTGATCTTGTGTACAGCCCA
 CACCCTGGTGTACGGTGGGAAGAGATTCTCAGCCCTTCAAATCTCAGATGGTATCTTCTGCAAGCCTAC
 GTGTTAGGGCTTATCATTCTTGCAGTGTGCTGGTGATCAAGTTGTCCTAATCATGCCATGTGTAGACA
 ACACCCTTACAAGGATCCGCCAGGGCTGGGAAAGGAACCTCAAAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEKTCIDALPLTMNSSEKQETVCIFGTGDFGRSLGLKMLQCGYSVVFSGSRNPQKTTLLPSGAEVLSYSEA
 AKKSDIIIIAIIHREHYDFLTELTEVLNGKILVDISNNLKINQYPSNAEYLAHLVPGAHVVKAFNTISAW
 ALQSGALDASRQVFVCGNDSKAKQVRMDIVRNGLTPMDQGSMAAKEIEKYPLQLFPMWRFPFYL SAVL
 CVFLFFYCVIRDVIYPYVYEKKDNTFRMAISIPNRIFPITALTLLALVYLPGVIAAILQLYRGTKYRRFP
 DWLDHWMLCRKQLGLVALGFAFLHVLVTLVIPIRYVVRWRLGNLTVTQAILKKENPFSTSSAWLSDSYVA
 LGILGFFLFVLLGITSLSVSNVNWREFRFVQSKLGYLTLILCTAHTLVYGGKRFLSPSNLRWYLPAAV
 VLGLIIPCTVLVIKFVLIIMPCVDNTLTRIRQGWERNKSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024636

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_024636.2</u>
RefSeq Size:	4454 bp
RefSeq ORF:	1380 bp
Locus ID:	79689
UniProt ID:	<u>Q687X5</u>
Cytogenetics:	7q21.12
MW:	51.8 kDa