

Product datasheet for **RC223981A1V**

Human STK39 (NM_013233) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human STK39 (NM_013233) AAV Particle
Tag:	Myc-DDK
Symbol:	STK39
Synonyms:	DCHT; PASK; SPAK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223981 representing NM_013233
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGCCGAGCGGCTCGCCGTGCACGTCCAGCTTCCCCAGCAGGCGGCCCGGTGACAGCGCGG
 CGGCGGCGGCCCGGCGGCCGACAGCAGCGCGGCCCGGCGAGCTCCCGCGGCCCGGCCCGGCC
 GGCCCCGGCCCCGGCGGCACAGGCTGTCGGCTGGCCATCTGCAGGGACGCGTACGAGCTGCAGGAGTT
 ATCGGCAGTGGAGCTACTGCTGTGGTTCAGGCAGCCCTATGCAAACCCAGGCAAGAAGCTGTAGCAATAA
 AACGGATCAACTTGAAAAATGCCAGACCAGTATGGATGAACTATTAAGAAATTAAGCCATGAGTCA
 GTGCAGCCATCCCAACGTAGTGACCTATTACACCTCTTTGTGGTCAAAGATGAACTTTGGCTGGTCATG
 AAATTACTAAGTGGAGTTCAATGTTGGATATCATAAAATACATTGTCAACCGAGGAGAACAAGAATG
 GAGTCTGGAAGAGGCAATAATAGCAACAATTCTTAAAGAGGTTTTGAAAGGCTTAGACTATCTACACAG
 AAACGGTCAGATTCACAGGGATTTGAAAGCTGGTAATATTCTTCTGGGTGAGGATGGTTCAGTACAAATA
 GCAGATTTTGGGTAAGTGCCTTAGCAACAGGGGGTATGTTACCCGAAATAAAGTAAAGAAAAACAT
 TCGTTGGCACCCCATGTTGGATGGCTCCTGAAGTCATGGAACAGGTGAGAGGCTATGACTTCAAGGCTGA
 CATGTGGAGTTTTGGAATAACTGCCATTGAATTAGCAACAGGAGCAGCGCCTTATCACAATATCCTCCC
 ATGAAAGTGTTAATGTTGACTTTGCAAAATGATCCACCACCTTTGAAACAGGGGTAGAGGATAAAGAAA
 TGATGAAAAAGTACGGCAAGTCCTTTAGAAAATTACTTCACTGTGTCTTCAGAAAAGATCCTTCCAAAAG
 GCCACAGCAGCAGAACCTTTAAAATGCAAATCTTCCAGAAAAGCAAGAACAGAGAGTACCTGATTGAG
 AAGTCTTACAAGAACCAGACATAGCCAAAGAGCCAAAAGGTAAGAAGAGTTCCTGGGTCAAGTG
 GTCACCTTCATAAAACCGAAGACGGGGACTGGGAGTGGAGTGACGACGAGATGGATGAGAAGAGCGAAGA
 AGGAAAAGCAGCTTTTTCTCAGGAAAAGTCACGAAGAGTAAAAGAAGAAAATCCAGAGATTGCAGTGAGT
 GCCAGCACCATCCCCGAACAAATACAGTCCCTCTGTGCACGACTCTCAGGGCCCAACAAATGCTAATG
 AAGACTACAGAGAAGCTTCTTCTGTGCGGTGAACCTCGTTTTGAGATTAAGAAACTCCAGAAAGGAACT
 TAATGACATACGATTTGAGTTTACTCCAGGAAGAGATACAGCAGATGGTGTATCTCAGGAGCTTCTCT
 GCTGGCTTGGTGGATGGTCACGATGTAGTTATAGTGGCTGCTAATTTACAGAAGATTGTAGATGATCCCA
 AAGCTTTAAAACATTGACATTTAAGTTGGCTTCTGGCTGTGATGGGTCCGAGATTCCTGATGAAGTGAA
 GCTGATTGGGTTTGCTCAGTTGAGTGTACG

AG**CGGACCG**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223981 representing NM_013233
 Red=Cloning site Green=Tags(s)

MAEPSGSPVHVQLPQQAAPVTAAPAAAAAPAAATAAPAPAPAPAPAPAPAPAAQAVGWPICRDAYELQEV
 IGSATAVVQAALCKPRQERVAIKRINLEKQTSMDLELKEIQAMSQCSPNVVTTYTSFVVKDELWLM
 KLLSGGSMLDIKYIVNRGEHKNGVLEEAIATILKEVLEGLDYLHRNQIHRDLKAGNILLGEDSVQI
 ADFGVSAFLATGGDVTRNKVRKTFVGTPCWMAPEVMEQVRGYDFKADMWSFGITAIELATGAAPYHKYPP
 MKVLMMLTLQNDPPTLETGVEDKEMMKYKGSFRKLLSLCLQKDPKSRPTAAELLKCKFFQAKNREYLIE
 KLLTRTPDIAQRAKKVRRVPGSSGHLHKTEDGDWEWSDDEKSEEGKAASFQEKSRVKEENPEIAVS
 ASTIPEIQSLSVHDSQPPNANEDYREASSCAVNLVLRRLNSRKELNDRFEFTPGRDTADGVSQLFSL
 AGLVDGHDVVIVAANLQKIVDDPKALKTLTFKLASGCDGSEIPDEVKLIQFAQLSVS*

SGPTRTRPLEQKLI**SEEDLAANDILDYKDDDDKV**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_013233

ORF Size:	1641 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_013233.1, NP_037365.1</u>
RefSeq Size:	3293 bp
RefSeq ORF:	1638 bp
Locus ID:	27347
UniProt ID:	<u>Q9UEW8</u>
Cytogenetics:	2q24.3
MW:	59.3 kDa