

## Product datasheet for **RC217936A1V**

### Human Casein Kinase 1 alpha (CSNK1A1) (NM\_001025105) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Casein Kinase 1 alpha (CSNK1A1) (NM_001025105) AAV Particle
Tag:	Myc-DDK
Symbol:	Casein Kinase 1 alpha
Synonyms:	CK1; CK1a; CK1a; HEL-S-77p; HLCDGP1; PRO2975
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217936 representing NM_001025105 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGAGTAGCAGCGGCTCCAAGGCTGAATTCATTGTTCGGAGGGAAATATAAACTGGTACGGAAGATCG  
GGTCTGGCTCCTTCGGGGACATCTATTTGGCGATCAACATCACCAACGGCGAGGAAGTGGCAGTGAAGCT  
AGAATCTCAGAAGGCCAGGCATCCCCAGTTGCTGTACGAGAGCAAGCTCTATAAGATTCTTCAAGGTGGG  
GTTGGCATCCCCACATACGGTGGTATGGTCAGGAAAAAGACTACAATGTACTAGTCATGGATCTTCTGG  
GACCTAGCCTCGAAGACCTCTTCAATTTCTGTTCAAGAAGTTTCACAATGAAAAGTACTTATGTTAGC  
TGACCAGATGATCAGTAGAATTGAATATGTGCATACAAAGAATTTTATACACAGAGACATTAACCAGAT  
AACTTCCTAATGGGTATTGGGCGTCACTGTAATAAGTGTTTAGAATCTCCAGTGGGGAAGAGGAAAAAGAA  
GCATGACTGTTAGTACTTCTCAGGACCCATCTTCTCAGGATTAACCAGTTATTCCTTATTGATTTTGG  
TTTGGCCAAAAAGTACAGAGACAACAGGACAAGGCAACACATACCATACAGAGAAGATAAAAACCTCACT  
GGCACTGCCGATATGCTAGCATCAATGCACATCTTGGTATTGAGCAGAGTCGCCGAGATGACATGGAAT  
CATTAGGATATGTTTTGATGATTTTAAAGAACCAGCCTGCCATGGCAAGGGCTAAAGGCTGCAACAAA  
GAAACAAAATATGAAAAGATTAGTAAAAGAAGATGTCCACGCCTGTTGAAGTTTTATGAAGGGGTTT  
CCTGCAGAATTTGCGATGTACTTAAACTATTGTCGTGGGCTACGCTTTGAGGAAGCCCCAGATTACATGT  
ATCTGAGGCAGCTATTCCGATCTTTTCAGGACCCCTGAACCATCAATATGACTACACATTTGATTGGAC  
AATGTTAAAGCAGAAAGCAGCACAGCAGGCAGCCTCTTCCAGTGGGCAGGGTCAGCAGGCCCAAAACCC  
ACAGGCAAGCAAAGTACAAAACCAAGAGTAACATGAAAGTTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC217936 representing NM_001025105  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MASSSGSKAEFIVGGKYKLVKIGSGSFGDIYLAINITNGEEVAVKLESQKARHPQLLYESKLYKILQGG          VGIPHIRWYGQEKDYNVLMDDLGPSLEDLNFNCSRRFTMKTVLMADQMISRIEYVHTKNFIHRDIKPD          NFLMGI GRHCNKCLESPVGKRRSMTVSTSQDPSF SGLNQLFLIDFGLAKKYRDNRTQRQHIPYREDKNLT          GTARYASINAHLGIEQSRDDMESLGYVLMYFNRTSLPWQGLKAATKKQKYEKISEKKMSTPVEVLCKGF          PAEFAMYLNYCRGLRFEEAPDYMYLRQLFRILFRTLNHQYDYTFDWTMLKQKAAQQAASSSGGQQAQTP          TGKQTDKTKSNMKGK</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001025105
<b>ORF Size:</b>	1095 bp
<b>Buffer:</b>	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>	<a href="#">NM_001025105.1</a>
<b>RefSeq Size:</b>	3149 bp
<b>RefSeq ORF:</b>	1098 bp
<b>Locus ID:</b>	1452
<b>UniProt ID:</b>	<a href="#">P48729</a>
<b>Cytogenetics:</b>	5q32
<b>MW:</b>	41.8 kDa