

Product datasheet for **RC219234A1V**

Human Rhotekin 2 (RTKN2) (NM_145307) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Rhotekin 2 (RTKN2) (NM_145307) AAV Particle
Tag:	Myc-DDK
Symbol:	RTKN2
Synonyms:	bA531F24.1; PLEKHK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC219234 representing NM_145307
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGGGGCGGAGCCTGAGGGTCTGCGCTCCGCTGGCGGGGCTTCCACCCAGCAGGACTGCAACA
 TTCAAGAAAAATAGACTTAGAAATTCGAATGCGAGAAGGAATATGGAACTCCTTTCTCTGAGCACTCA
 GAAAGATCAAGTTTTACATGCAGTTAAGAATCTCATGGTGTGCAATGCTCGACTAATGGCCTATACATCG
 GAGCTACAGAAATTAGAAGAACAGATTGCAATCAGACTGGAAGATGTGATGTGAAATTTGAAAGTAAAG
 AACGAACAGCATGTAAAGGAAAGATTGCCATATCAGATATTCGAATACCACTAATGTGGAAGACTCTGA
 TCACCTCAGCAATAAAGAACGATCAGACGCTATGCCATTTTTGTTTATTCAAATGGGAGCTAATGTG
 TTTGATACTGATGTGGTGAATGTGGATAAAACAATCACAGATATATGTTTGAATGTAACCATATTTA
 ATGAAGCAGGGCCAGACTTTAGATAAAGGTGGAAGTGTATAGTTGCTGTACAGAAGAATCTTCTATAAC
 CAACACACCAAAAAAGCTAGCTAAGAACTCAAGACATCTATAAGTAAAGCTACAGGAAAGAAAAAAGT
 TCAGTGCCTTCAAGAAGAGGATGATGAAATGTGCTTGTCTCCTCAGCTCTGCTGTTTTTGGTGTAAGTATA
 ATTTGCTAGCTCACACTACCCTAACCTTGGAAGTGTCTGAGGATAGTTTCAAGACCCATAATCTGTCTAT
 TAATGGAATGAGGAGTCTTCATTTTGGCTTCCCTGTATGGCAACATGTGCTGCCGACTAGTTGCCAG
 CCAGCTTGATGGCTGAGGATGCATTTGAGGATTTCTTAATCAGCAGCAATGGTAGAAGGTCTGATTA
 GTTGGAGAAGGTGTATTGTGTTTTGCGAGGAGGTAACTCTATTGTTTTACAGTCCAGAGGAAATTGA
 AGCTAAGTGAACAGCTTTGGTAGTACCCATTAACAAGGAAACCAGAAATCCGGGCAATGGATAAGGAT
 GCCAAGAAAAGAAATCCATAATTTCTCTGTCATCAATCCTGTTCTGGACAAGCTATAACTCAGATTTTTG
 CAGTTGACAATAGAGAAGATCTCAGAAGTGGATGGAAGCCTTCTGGCAGCATTCTTTGATCTTAGCCA
 ATGGAAGCACTGTTGTGAAGAAGCTTATGAAATTTGAGATTATGTCAACACGGAACACCTTTGTTCTTG
 ACAAAGAGGCAACCTCAGTCTACCATGATATGAGCATTGATTACCTATGAACTTGAAAGTTTAAACGG
 ATATAATCAAAAAAAATTTGAAGAGACAAATGGGCAGTTCCTTATTGGTCAGCATGAAGAATCCTTACC
 ACCTCCTTGGGCCACACTCTTTGATGGTAACCATCAAATGGTCATCCAGAAAAAGGTAAGTGTATCCTGCA
 AGTGAGCCATTACATGATGAAAAAGGAAAAAGAGACAAGCTCCCCTTCTCTCTGATAAACTCCAT
 TCAGCTTAAATCACAGAGTAACACAGATCAATTGGTTAAGGACAAGTGGGAAAAACAAGTGTATCTCA
 GACATCGTCTTTGGATACCAACTATCAACTCTAATGCATCACTTACAGAAACCAATGGCTGCTCCTCGA
 AAATTCTGCCTGCCAGGAGAAATAGATTAAGTGTGGTGGACACAGACACTAAACCAATTTTGAAG
 CCAAGCCAGTGCCAGCTCCAAGGCAGAAATCCATCAAAGACATTCTGGACCCTAGATCATGGCTGCAGGC
 ACAAGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219234 representing NM_145307
 Red=Cloning site Green=Tags(s)

MEGPSLRGPALRLAGLPTQQDCNIQEKIDLEIRMREGIWKLLSLSTQKDQVLHAVKNLMVCNARLMAYTS
 ELQKLEEQIANQTGRCDVKFESKERTACKGKIAISDIRIPLMWKDSDFHSNKRSSRYAIFCLFKMGANV
 FDTDVVNVDKTITDIDCFENVTFNEAGPDFQIKVEVYSCTEESSITNTPKKLAKKLKTSISKATGKKIS
 SVLQEEDEMCLLLSSAVFGVKYNLLAHTLTLESAEDSFKTHNLSINGNEESSFWLPL YGNMCCRLVAQ
 PACMAEDAFAGFLNQQQMVEGLISWRRLYCVLRGGKLYCFYSPEEIEAKVEPALVVPINKETRIRAMDKD
 AKKRIHNFVINPVPGQAITQIFAVDNREDLQWMEAFWQHFFDL SQWKHCCEELMKIEIMSPRPPLFL
 TKEATSVYHMSIDSPMKLESLTDIIQKKIEETNGQFLIGQHEESLPPWATLFDGNHQMVIQKKVLYPA
 SEPLHDEKGKKRQAPLPPSDKLPFSLKSQSNTDQLVKDNWGKTSVSQTS SLDTKLSTLMHHLQKPMAPR
 KLLPARRNRLSDGEHTDTKTNFEAKPVPAPRQKSIKDILDPRSWLQAQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_145307
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F7963
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_145307.2</u>
RefSeq Size:	6659 bp
RefSeq ORF:	1830 bp
Locus ID:	219790
UniProt ID:	<u>Q8IZC4</u>
Cytogenetics:	10q21.2
MW:	69.1 kDa