

Product datasheet for **RC218935A1V**

Human TLK2 (NM_006852) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TLK2 (NM_006852) AAV Particle
Tag:	Myc-DDK
Symbol:	TLK2
Synonyms:	HsHPK; MRD57; PKU-ALPHA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218935 representing NM_006852
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGAAGAATTGCATAGCCTGGACCCACGACGGCAGGAATTATTGGAGGCCAGGTTTACTGGAGTAG
 GTGTTAGTAAGGGACCACTTAATAGTGAGTCTTCCAACCAGAGCTTGTGCAGCGTCGGATCCTTGAGTGA
 TAAAGAAGTAGAGACTCCCGAGAAAAAGCAGAATGACCAGCGAAATCGGAAAAAGAAAGCTGAACCATAT
 GAAACTAGCCAAGGGAAGGCACTCCTAGGGGACATAAAATTAGTGATTACTTTGAGTTTGCTGGGGGAA
 GCGCGCCAGGAACCGCCTGGCAGAAGTGTCCACCAGTTGCACGATCCTACCGCAACATTCTTATC
 CAATCCCTTACCGCGACGAGTAGAACAGCCCCTCTATGGTTTAGATGGCAGTGCTGCAAAGGAGGCAACG
 GAGGAGCAGTCTGCTCTGCCAACCTCATGTCACTGATGCTAGCAAAACCTCGGCTTGACACAGAGCAGC
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 ATCTGGCAACACAGAGCATTCTGCAGCTCCCAAAACAGATCTCCATCCAGCACAGACAGACCCAGTCC
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 GGAAGCAGAGATCCAGGCAGAGCTGGAGAGACTAGAAAGGGTTAGAAATCTACATATCAGGGAACCTAAAA
 AGGATACATAATGAAGATAATTCACAATTTAAAGATCATCCAACGCTAAATGACAGATATTTGTTGTTAC
 ATCTTTTGGGTAGAGGAGGTTTCAGTGAAGTTTACAAGGCATTTGATCTAACAGAGCAAGATACGTAGC
 TGTGAAAATTCACCAAGTTAAATAAAACTGGAGAGATGAGAAAAAGGAGAATTACCACAAGCATGCATGT
 AGGGAATACCGGATTCATAAAGAGCTGGATCATCCCAGAATAGTTAAGCTGTATGATTACTTTTCACTGG
 ATACTGACTCGTTTTGTACAGTATTAGAATACTGTGAGGGAAATGATCTGGACTTCTACCTGAAACAGCA
 CAAATTAATGTCGGAGAAAGAGGCCCGTCCATTATCATGCAGATTGTGAATGCTTTAAAGTACTTAAAT
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 GTGGAGAGATAAAATACAGATTTTGGTCTTTTGAAGATCATGGATGATGATAGCTACAATTCAGTGGA
 TGGCATGGAGCTAACATCACAAGGTGCTGGTACTTATTGGTATTACCACCAGAGTGTGTTTGTGGTTGGG
 AAAGAACCACCAAGATCTCAAATAAAGTTGATGTGTGGTGGTGGTGGTGTGATCTTCTATCAGTGTCTTT
 ATGGAAGGAAGCCTTTTGGCCATAACCAGTCTCAGCAAGACATCCTACAAGAGAAATACGATTCTTAAAGC
 TACTGAAGTGCAGTTCCTCGCCAAAGCCAGTAGTAACACCTGAAGCAAAGGCGTTTATTCGACGATGCTTG
 GCCTACCGAAAGGAGGACCGCATTGATGTCCAGCAGCTGGCCTGTGATCCCTACTTGTGCTCATATCC
 GAAAGTCAGTCTCTACAAGTAGCCCTGCTGGAGCTGCTATTGCATCAACCTCTGGGGCGTCCAATAACAG
 TTCTTTCTAAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218935 representing NM_006852 Red=Cloning site Green=Tags(s) MMEELHSLDPRRQELLEARFTGVGVSKGPLNSESSNQSLCSVGSLSDKEVETPEKKQNDQRNRKRKAEPY ETSQKGTPRGHKISDYFEFAGGSAPGTSPGRSVPPVARSSPQHSLSNPLPRRVEQPLYGLDGSAAKEAT EEQSALPTLMSVMLAKPRLDTEQLAQRGAGLCFTFVSAQQNSPSTGSGNTEHSCSSQKQISIQHRQTQS DLTIEKISALENSKNSDLEKKEGRIDLLRANCDLRRQIDEQQKMLEKYKERLNRCVTMSKKLLIEKSKQ EKMACRDKSMQDRLRLGHFTTVRHGASFTEQWTDGYAFQNLIKQKERINSQREEIERQRKMLAKRKPPAM GQAPPATNEQKQRKSKTNGAENETLTLAEYHEQEEIFKLRLGHLKKEEAEIQAELERLERVRNLHIRELK RIHNEDNSQFKDHPTLNDRYLLHLLGRGGFSEVYKAFDLTEQRYVAVKIHQLNKNWRDEKKENYHKHAC REYRIHKELDHPRIVKLYDYFSLDTSFCTVLEYCEGNDLDFYKQHKLMSEKEARSIIIMQIVNALKYLN EIKPPIIHVDLKPGNILLVNGTACGEIKITDFGLSKIMDDDSYNSVDGMELTSQGAGTYWYLPEECFVVG KEPPKISNKVDVWSVGVIQCLYGRKPFQHNQSQDILQENTILKATEVQFPKPVVTPPEAKAFIRRCL AYRKEDRIDVQQLACDPYLLPHIRKSVSTSSPAGAAIASTSGASNNSSN* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006852
ORF Size:	2250 bp
Buffer:	PBS with 0.001% Pluronic F7922
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_006852.2</u>
RefSeq Size:	3616 bp
RefSeq ORF:	2253 bp
Locus ID:	11011
UniProt ID:	<u>Q86UE8</u>
Cytogenetics:	17q23.2
MW:	85.3 kDa