

Product datasheet for **RC205218A1V**

Human TKTL1 (NM_012253) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TKTL1 (NM_012253) AAV Particle
Tag:	Myc-DDK
Symbol:	TKTL1
Synonyms:	TKR; TKT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205218 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGATGCTGAGGCGAGGGCTGAGTTCCTCGAGGAGGCCAGACCTGACAGGGGCACCTTGCAGGTGT
 TTCAAGATATGGCCAGCCGCTTGCGAATCCATTCCATCAGGGCCACATGCTCCACGAGCTCCGGCCACCC
 TACATCATGTAGCAGTTCTTCTGAGATCATGTCTGTGCTGTTCTTCTACATCATGAGGTACAAGCAGTCA
 GATCCAGAGAATCCGGACAACGACCGATTTGTCTCGAAAGAGACTGTCGTTTGTGGATGTGGCAACAG
 GATGGCTCGGACAAGGACTGGGAGTTGCATGTGGAATGGCATATACTGGCAAGTACTTCGACAGGGCCAG
 CTACCGGGTGTCTGCCTCATGAGTGATGGCGAGTCTCAGAAGGCTCTGTCTGGGAGGCAATGGCCTTT
 GCTTCTACTACAGTCTGGACAATCTTGTGGCAACCTTTGATGTGAACCGCTGGGACACAGTGGTGCAT
 TGCCCGCCGAGCACTGCATAAACATCTATCAGAGGCGCTGCGAAGCCTTTGGGTGGAACACTTATGTGT
 GGACGGCCGGGACGTGGAGGCACTGTGCCAGGTATTCTGGCAGGCTTCTCAGGTGAAGCACAAGCCCACT
 GCTGTGGTGGCCAAGACCTTCAAGGGCCGGGGCACCCCAAGTATTGAGGATGCAGAAAGTTGGCATGCAA
 AGCCAATGCCGAGAGAAAGAGCAGATGCCATTATCAAATTAATTGAGAGCCAGATACAGACCAGCAGGAA
 TCTTGACCCACAGCCCCCATTGAGGACTCACCTGAAGTCAACATCACAGATGTAAGGATGACCTCTCCA
 CCTGATTACAGAGTTGGTGACAAGATAGCTACTCGAAAGCATGCGGTCTGGCTCTGGCTAAGCTGGGCT
 ACGCGAACAACAGAGTCGTTGTGCTGGATGGTGACACCAGGTAAGTCTACTTTCTCTGAGATATTCACAA
 GGAGTACCCTGAGCGCTTCATCGAGTGCTTTATGGCTGAACAAAACATGGTGAGCGTGGCTCTGGGCTGT
 GCCTCCCGTGGACGGACCATTTGCTTTTGTAGCACCTTTGCTGCCTTTCTGACTCGAGCATTGATCACA
 TCCGGATAGGAGGCCTCGCTGAGAGCAACATCAACATTATTGGTTCCTGACTGTGGGTATCTGTTGGTGA
 CGATGGTGCTTCCAGATGGCCCTGGAGGATATAGCCATGTTCCGAACCATCCCAAGTGCACGATCTTC
 TACCCAATGATGCCGTCTCCACGAGCATGCTGTTGCTCTGGCAGCCAATGCCAAGGGGATGTGCTTCA
 TTCGACCACCCGACCAGAACTATGGTTATTTACACCCACAAGAAGCGTTTGAGATCGGACAGGCCAA
 GGTCTCCGCACTGTGTGAGTACAAGGTACAGTATTGGAGCTGGAATTACTGTGTATGAAGCCTTA
 GCAGCTGCTGATGAGCTTTCGAAACAAGATATTTTATCCGTGTCATCGACCTGTTTACCATTAAACCTC
 TGGATGTGCGCACCATCGTCTCCAGTGCAAAAGCCACAGAGGGCCGGATCATTACAGTGGAGGATCACTA
 CCCGCAAGGTGGCATCGGGAAGCTGTCTGCGCAGCCGTCTCCATGGATCCTGACATTACAGTTCATTTCG
 CTGGCAGTGTGCGGAGTCCCCAGAGTGGGAAGTCCGAGGAATTGCTGGATATGTATGGAATTAGTGCCA
 GACATATCATAGTGGCCGTGAAATGCATGTTGCTGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205218 protein sequence
 Red=Cloning site Green=Tags(s)

MADAEARAEFPPEARPRGTLQVFQDMASRLRIHSIRATCSTSSGHPTSCSSSSEIMSVLFFYIMRYKQS
 DPENPDNDRFVLAKRLSFVDVATGWLGGGLGVACGMAYTGKYFDRASYRVFCLMSDGESEGSVWEAMAF
 ASYYSLDNLVATFDVNRLGHSGALPAEHCINIQRRCEAFGWNTYVVDGRDVEALCQVFWQASQVKHKPT
 AVVAKTFKGRGTPSIEDAESWHAKPMPRERADAIKLIIESQIQTSRNLDPQPIEDSPEVNITDVRMTSP
 PDYRVGDKIATRKACGLALAKLGYANNRVVLDGDTRYSTFSEIFNKEYPERFIECFMAEQNMVSVALGC
 ASRGRTIAFASTFAAFLTRAFDHIRIGGLAESNINIIGSHCGVSVGDDGASQMALEDIAMFRTIPKCTIF
 YPTDAVSTEHAVALAANAKGCMFIRTTREPETMVIYTPQERFEIGQAKVLRHCVSDKVTIVIGAGITYEAL
 AADELKQDIFIRVIDLFTIKPLDVATIVSSAKATEGRIITVEDHYPQGGIGEAACAASMDPDIQVHS
 LAVSGVPQSGKSEELDMYGISARHIIIVAVKCMLLN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_012253
ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F5657
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_012253.2, NP_036385.2</u>
RefSeq Size:	2652 bp
RefSeq ORF:	1791 bp
Locus ID:	8277
UniProt ID:	<u>P51854</u>
Cytogenetics:	Xq28
MW:	65.4 kDa