

Product datasheet for **RC226037A1V**

Human Transketolase (TKT) (NM_001135055) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Transketolase (TKT) (NM_001135055) AAV Particle
Tag:	Myc-DDK
Symbol:	TKT
Synonyms:	HEL-S-48; HEL107; SDDHD; TK; TKT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC226037 representing NM_001135055
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGAGCTACCACAAGCCTGACCAGCAGAAGCTGCAGGCCTTGAAGGACACGGCCAACCGCCTACGTA
 TCAGCTCCATCCAGGCCACCACTGCGGGGGCTCTGGCCACCCACGTCATGCTGCAGCGCCGAGAGAT
 CATGGCTGTCTCTTTTCCACACCATGCGCTACAAGTCCCAGGACCCCGGAATCCGCACAATGACCGC
 TTTGTGCTCTCCAAGGGCCATGCAGCTCCCATCCTCTACGCGGTCTGGGCTGAAGCTGGTTCTGGCCG
 AGGCGGAGCTGCTGAACCTGAGGAAGATCAGCTCCGACTTGGACGGGCACCCGGTCCGAAACAAGCTTT
 CACCGAGCTGGCCACTGGCTCCCTGGGCCAGGGCTCGGGGCCGCTTGTGGGATGGCCTACACCGGCAAA
 TACTTCGACAAGGCCAGTACCGAGTCTATTGCTTGTGGGAGACGGGAGCTGTGAGGGGCTCTGTAT
 GGGAGGCCATGGCCTTCGCCAGCATCTATAAGCTGGACAACCTTGTGGCCATTCTAGACATCAATCGCT
 GGGCCAGAGTGACCCGGCCCCACTGCAGCACCAGATGGACATCTACCAGAAGCGGTGCGAGGCTTCGGT
 TGGCATGCCATCATCGTGGATGGACACAGCGTGGAGGAGCTGTGCAAGGCCTTTGGCCAGGCCAAGCACC
 AGCCAACAGCCATCATTGCCAAGACCTTCAAGGGCCGAGGGATCACGGGGGTAGAAGATAAGGAGTCTTG
 GCATGGGAAGCCCTCCCCAAAAACATGGCTGAGCAGATCATCCAGGAGATCTACAGCCAGATCCAGAGC
 AAAAGAAGATCCTGGCAACCCCTCCACAGGAGGACGCACCCTCAGTGGACATTGCCAACATCCGCATGC
 CCAGCTGCCAGCTACAAAGTTGGGGACAAGATAGCCACCCGCAAGGCCTACGGGCAGGCACTGGCCAA
 GCTGGGCCATGCCAGTGACCGCATCATCGCCCTGGATGGGGACACCAAAATTCACCTTCTCGGAGATC
 TTCAAAAAGGAGCACCCGACCGCTTCATCGAGTGCTACATTGCTGAGCAGAACATGGTGAGCATCGCGG
 TGGGCTGTGCCACCCGCAACAGGACGGTGCCCTTCTGCAGCACTTTTGCAGCCTTCTTCACGCGGGCTT
 TGACCAGATTTCGATGGCCGCCATCTCCGAGACAACATCAACCTCTGCGGCTCCCACTGCGGCGTTTCC
 ATCGGGGAAGACGGGCCCTCCCAGATGGCCCTAGAAGATCTGGCTATGTTTCGGTCAGTCCCCACATCAA
 CTGTCTTTTACCAAGTGATGGCGTTGCTACAGAGAAGGCAGTGGAAGTACCGCCAATACAAAGGGTAT
 CTGCTTCATCCGACAGCCGCCAGAAAATGCCATCATCTATAACAACATGAGGACTTCCAGGTCCGA
 CAAGCCAAGGTGGTCTGAAGAGCAAGGATGACCAGGTGACCGTTATCGGGGCTGGGGTGACCCTGCACG
 AGGCCTTGGCCGCTGCCGAAGTCTGAAGAAAGAAAAGATCAACATCCGCGTCTGGACCCCTTACCAT
 CAAGCCCTGGACAGAAAATCATTCTCGACAGCGCTCGTGCCACCAAGGGCAGGATCCTACCGTGGAG
 GACCATTATTATGAAGGTGGCATTGGTGAGGCTGTGTCCAGTGCAGTAGTGGGCGAGCCTGGCATCACTG
 TCACCCACCTGGCAGTTAACCGGTACCAAGAAGTGGGAAGCCGCTGAGCTGCTGAAGATGTTTGGTAT
 CGACAGGGATGCCATTGCACAAGCTGTGAGGGGCTCATCACCAAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226037 representing NM_001135055
 Red=Cloning site Green=Tags(s)

MESYHKPDQKLQALKDTANRLRISSIQATTAAGSGHPTSCCSAAEIMAVLFFHTMRYKSQDPRNPHNDR
 FVLSKGHAAPILYAVWAEAGFLAEALLNLRKISSDLGHPVPKQAFDTVATGSLGQGLGAACGMAYTGK
 YFDKASYRVYCLLDGDELSEGSVWEAMAFASIYKLDNLVAILDINRLGQSDPAPLQHQMDIYQKRCEAFG
 WHAIIVDGHSEVELCKAFGQAKHQPTAIIAKTFKGRGITGVEDKESWHGKPLPKNMAEQIIQEIYSQIQS
 KKKILATPPQEDAPSVDIANIRMPSPSYKVGDKIATRKAYGQALAKLGHASDRIIALDGDTKNSTFSEI
 FKKEHPDRFIECYIAEQNMVSIIVGCAIRNRTVPFCSTFAAFFTRAQDQIRMAAISESNINLCGSHCGVS
 IGEDGPSQMALEDLAMFRSVPTSTVFYPSDGVATEKAVELAANTKGICFIRTSRPENAIYNNNEDFQVG
 QAKVVLKSKDDQVTIVIGAVTLHEALAAELLKKEKINIRVLDPFTIKPLDRKLILDSARATKGRILTVE
 DHYYEGGIGEAVSSAVVGEPGIVTVHLAVNRVPRSGKPAELLKMFIDRDAIAQAVRGLITKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001135055
ORF Size:	1869 bp
Buffer:	PBS with 0.001% Pluronic F8965
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_001135055.1, NP_001128527.1</u>
RefSeq ORF:	1872 bp
Locus ID:	7086
UniProt ID:	<u>P29401</u>
Cytogenetics:	3p21.1
MW:	67.7 kDa