

Product datasheet for **RC210787A1V**

Human Tpit (TBX19) (NM_005149) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tpit (TBX19) (NM_005149) AAV Particle
Tag:	Myc-DDK
Symbol:	Tpit
Synonyms:	dj747L4.1; TBS19; TPIT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210787 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATGAGTGAGCTGGGCACTCGGAAGCCAGCGATGGCACTGTTTCTCATCTGCTCAATGTGGTGG
 AGAGTGAGCTTCAGGCAGGGAGGAAAAAGGCGACCCTACGGAGAAGCAACTTCAGATCATCCTGGAGGA
 TGCACCTCTCTGGCAGAGATTCAAGGAAGTCACTAATGAGATGATTGTGACCAAGAATGGCAGACGGATG
 TTTCCAGTCTCTAAAGATTAGTGTACAGGGTTGGACCCCAATGCCATGTACTCCCTCTGCTGGACTTTG
 TCCCTACGGACAGTCACCGCTGGAAGTACGTCAACGGGAATGGGTGCCCGCTGGCAAGCCAGAGGTCTC
 CAGCCACAGCTGCGTCTACATTCACCCGACTCCCCAACTTTGGGGCCCACTGGATGAAAGCTCCCATC
 TCCTTCAGCAAAGTGAAGCTGACCAACAAGCTCAATGGAGGCGGGCAGATAATGTTGAATTCTCTGCATA
 AATATGAACCCAGGTTACATAGTGCCTGTTGGAAGTGGCCATCGAATGGTAACAACTGCTCCTTCCC
 TGAAACCCAGTTCATAGCCGTGACTGCCTATCAGAATGAGGAGATAACGGCTCTCAAAATCAAGTACAAT
 CCTTTTGCCAAAGCCTTCTTGGATGCCAAGGAAAGAAATCACCTAAGAGACGTACCGGAGGCTATCTCTG
 AGAGCCAGCATGTGACCTATTCTCACTTGGGAGGCTGGATCTTTTCCAATCCAGATGGAGTGTGCACAGC
 AGGAACTCCAATTACAGTATGCCGCTCCTCTGCCTCTGCCTGCTCCCAACCCACCATTGGCTGTGAG
 CACTATTCGGGTCTCCGAGGACACCGGAGGCTCCCTACCTTCTGCGTACATGCACAGAAACCATTCTC
 CCTCAGTGAATTTGATAGAAAGTCAAGCAATAATCTGCAAGTTTCTCGGGACCTGACAGCTGGACTTC
 CTTATCTCCACACCCCATGCCAGCATCCTGTCTGTACCCACACCAACGGACCAATCAATCCAGGGCCC
 AGCCCCTACCCGTGCTGTGGACCATCAGCAATGGTGGCGAGGCCCACTGGGCCAGGCCCGGAGGTGC
 ACGCCAGCACCCAGGAGCATTTCTCCTCGAAACCCAGCTGTGACTTACCCCTTCTGTGCTCTCCAC
 CCAAGCACCCACTTCGGCTGGTGTGGAGGTTCTGGGGGAGCCCTCGCTAACAGCATGCTGTGTCCACC
 TGGACAGCAGTGGCTCGCATCCCTTCGCGGGTGGGTGGCCAGGAGCGGGTGGCCACCATTCTCCTT
 CCTCACTGGATGGT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210787 protein sequence
 Red=Cloning site Green=Tags(s)

MAMSELGTRKPSDGTVSHLLNVSELQAGREKGPTEKQLQIILEDAPLWQRFKEVTNEMIVTKNGRRM
 FPVLKISVTGLDPNAMYSLLLDFVPTDSHRWKYVNGEWPAGKPEVSSHSCVYIHPDSPNFGAHWMKAPI
 SFSKVLTNLNGGGQIMLSLHKYEPQVHIVRVGSAHRMVTNCSFPETQFIIVTAYQNEEITALKIKYN
 PFAKAFLDAKERNHLRDVPEAISESQHVTYSHLGGWIFSNPDGVCTAGSNYQYAAPLPLPAPHTHHGCE
 HYSGLRGHRQAPYPSAYMHRNHSPSVNLISSNNLQVFSGPDSWTSLSSTPHASILSVPHTNGPINPGP
 SPYPCLWTISNGAGGPSGPGPEVHASTPGAFLLGNPAVTSPPSVLSTQAPTSAGVEVLGEPSTLSIAVST
 WTAVASHPFAGWGGPGAGGHSPSSLDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005149

ORF Size:

1344 bp

Buffer:

PBS with 0.001% Pluronic F68

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_005149.1</u>
RefSeq Size:	2882 bp
RefSeq ORF:	1347 bp
Locus ID:	9095
UniProt ID:	<u>O60806</u>
Cytogenetics:	1q24.2
MW:	48.2 kDa