

Product datasheet for **RC223569A1V**

Human PTD016 (RNFT1) (NM_016125) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PTD016
Synonyms:	PTD016
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223569 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGCTGTTCTTGCTGTCGCTCCCGACACCTCCGTCGCTTCTGGTCATGAGAGGAGACAGAGGCCTG
AAGCAAAGACATCTGGGTCAGAGAAAAAGTATTTAAGGGCCATGCAAGCCAATCGTAGCCAACCTGCACAG
TCCTCCAGGAAGTGAAGCAGTGAGGATGCCTCAACCCCTCAGTGTGTCCACACAAGATTGACAGGAGAG
GGTTCTTGCCCTCATTCTGGAGATGTTTCATATCCAGATAAACTCCATACCTAAAGAATGTGCAGAAAAATG
CAAGCTCCAGAAATATAAGGTCAGGTGTCCATAGCTGTGCCATGGATGTGTACACAGTCGCTTACGGGG
TCACTCCACAGTGAAGCAAGGCTGACTGATGATACTGCCGAGAATCTGGAGATCATGGTAGTAGCTCC
TTCTCAGAATTCGGCTATCTCTTCAAGTGGCTGCAAAAAAGTCTTCCATATATTTGATTCTGAGCGTCA
AACTTGTTATGCAGCATATAACAGGAATTTCTCTTGAATTTGGGCTGCTAACAACCTTTATGTATGCAAA
CAAAAGCATTGTAAATCAGGTTTTTCTAAGAGAAAGGCTCCTCAAAGATTCAGTGTGCTTGGTTACTGGTA
TTCTTAGCAGGATCTTCTGTTCTTTTATATTACACCTTTCATTCTCAGTCACCTTTATTACAGCTTAATTT
TTTTAAATCCTACTTTGGACATTTGAGCTTCTGGGAAGTATTTTGGATTGTTGGAATTACAGACTTCAT
TCTGAAATCTTTTTCATGGGCTTAAATGCCTTATTTTATTGGTGCTTCTTTCATCATGCCTTTTAA
TCTAAGGGTTACTGGTATATGCTTTTAGAAGAATTGTGTCAATACTACCGAACTTTTGTCCCATACAG
TTTGGTTTCGCTACCTTATAAGCTATGGGAGTTTGGTAACGTAAGTAGATGGAGTCTTGGGATACTGCT
GGCTTTACTCTACCTCATATTTAAACTTTTGGAAATTTTGGGCATCTGAGAACTTTTCAGACAGGTTTTTA
CGAATATTTTTTACACAACCAAGTTATGGAGTGGCTGCCAGCAAGAGACAGTGTTCAGATGTGGATGATA
TTTGTTCATATGTCAAGCTGAATTTCAAGCAATCTTCTCATTGTGCAGCATATTTTGTGAAGA
GTGCATGACCTTATGGTTTAAACAGAGAGAAAACATGTCCACTCTGCAGAACTGTGATTTCAGACCATATA
AACAAATGAAGGATGGAGCCACTTCATCACACCTTCAAATATAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223569 protein sequence Red=Cloning site Green=Tags(s) MPLFLLSLPTPPSASGHERRQRPEAKTSGSEKKYLRAMQANRSQLHSPPGTGSSSEDASTPQC VHTRLTGE GSCPHSGDVHIQINSIPKECAENASSRNIRSGVHSCAHGCVHSRLRGHSHSEARLTDDTAAESGDHGSSS FSEFRYLFKWLQKSLPYILILSVKLVMQHITGISLGIGLLTTFMYANKSIVNQVFLRERSSKIQCWLLV FLAGSSVLLYYTFHSQSLYYSLIFLNPTLDHLSFWEVFWIVGITDFILKFFFMGLKCLILLVPSFIMPFK SKGYWYMLLEELCQYYRTFVPIPVWFRYLISYGEFGNVTRWSLGILLALLYLILKLEFFGHRLTRFRQVL RIFFTQPSYGVAASKRQCSDVDDICSICQAEFQKPILLICQHIFCEECSMTLWFNREKTCPLCRTVISDHI NKWKDGATSSHLQIY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016125
ORF Size:	1305 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_016125.3</u>
RefSeq Size:	2031 bp
RefSeq ORF:	1308 bp
Locus ID:	51136
UniProt ID:	<u>Q5M7Z0</u>
Cytogenetics:	17q23.1
MW:	49.7 kDa