

Product datasheet for **RC600033A1V**

Human TrkA (NTRK1) (NM_002529) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TrkA (NTRK1) (NM_002529) AAV Particle
Tag:	Myc-DDK
Symbol:	TrkA
Synonyms:	MTC; p140-TrkA; TRK; Trk-A; TRK1; TRKA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600033 representing leader sequence plus the extracellular domain region of NM_002529

Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGCTGCGAGGCGGACGCGCGGGCAGCTTGGCTGGCAGCTGGGCTGCGGGGCGGGCAGCCTGCTGG
CTTGGCTGATACTGGCATCTGCGGGCGCCGACCTGCCCGATGCTGCTGCCCCACGGCTCCTCGGG
ACTGCGATGCACCCGGGATGGGGCCCTGGATAGCCTCCACCACCTGCCGGCGCAGAGAACCTGACTGAG
CTCTACATCGAGAACCAGCAGCATCTGCAGCATCTGGAGCTCCGTGATCTGAGGGGCTGGGGGAGCTGA
GAAACCTCACCATCGTGAAGAGTGGTCTCCGTTTCGTGGCGCCAGATGCCTTCCATTTCACTCCTCGCT
CAGTCGCTGAATCTCTCCTTCAACGCTCTGGAGTCTCTCTCTGGAAAAGTGTGAGGGGCTCTCTTA
CAGGAAGTGGTCTGTCGGGGAACCTCTGCACTGTTCTTGTGCCCTGCGCTGGCTACAGCGCTGGGAGG
AGGAGGGACTGGGCGGAGTGCCTGAACAGAAGCTGCAGTGTATGGGCAAGGGCCCTGGCCACATGCC
CAATGCCAGCTGTGGTGTGCCACGCTGAAGGTCCAGGTGCCAATGCCCTCGGTGGATGTGGGGGACGAC
GTGCTGCTGCGGTGCCAGGTGGAGGGGCGGGGCTGGAGCAGGCCGGCTGGATCCTCACAGAGCTGGAGC
AGTCAGCCACGGTGATGAAATCTGGGGGTCTGCCATCCCTGGGGCTGACCCTGGCCAATGTACCAAGTGA
CCTCAACAGGAAGAAGCTGACGTGCTGGGCAGAGAAGCATGTGGGCCGGGCAGAGGTCTCTGTTCAAGTC
AACGTCTCCTTCCCGGCCAGTGTGCAGCTGCACACGGCGGTGGAGATGCACCACTGGTGCATCCCTTCT
CTGTGGATGGGCAGCCGGCACCGTCTCTGCGCTGGCTCTTCAATGGCTCCGTGCTCAATGAGACCACTT
CATCTTCACTGAGTTCCTGGAGCCGGCAGCCAATGAGACCGTGGGCACGGGTGTCTGCGCTCAACAG
CCCACCCAGTCAACAACGGCAACTACACGCTGCTGGCTGCCAACCCTTCGGCCAGGCCTCCGCTCCA
TCATGGCTGCCTTCATGGACAACCTTTTCGAGTTCAACCCCGAGGACCCATCCCTGTCTCCTTCTCGCC
GGTGGACACTAACAGCACATCTGGAGACCCGGTGGAGAAGAAGGACGAAACACCTTTTGGGGTCTCGGTG
GCTGTGGGC

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence:

>RC600033 representing signal peptide plus the extracellular domain region of NM_002529

Red=Cloning sites Green= DDK and 6XHIS Tags

MLRGGRRGQLGWHWSAAGPGSLLAWLILASAGAAPCPDACCPHGSSGLRCTRDLGALDSLHHLPGAENLTE
LYIENQQHLQHLELRDLRGLGELRNLTIKVSGLRFVAPDAFHFTPRLSRLNLSFNALESLSWKTVQGLSL
QELVLSGNPLHCSCALRWLQRWEEELGGVPEQKLQCHGQGPLAHMPNASCVPRTLKVQVPNASVDVGDD
VLLRCQVEGRGLEQAGWILTELEQSATVMKSGGLPSLGLTLANVTSDLNRKNVTWAENDVGRAEVSQV
NVSFPASVQLHTAVEMHHWCIPFSVDGQPAPSLRWLFNGSVLNETSFIFTEFLEPAANETVRHGCLRLNQ
PTHVNNGYTLAANPFGQASASIMAAFMDNPFEPNEDPIPVSFSPVDNTSTSGDPVEKKDETFFGVSV
AVG

TRSGTRSGDYKDDDDKGSHHHHHH

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002529

ORF Size:

1269 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_002529.3, NP_002520.2</u>
RefSeq Size:	2663 bp
RefSeq ORF:	2391 bp
Locus ID:	4914
UniProt ID:	<u>P04629</u>
Cytogenetics:	1q23.1
MW:	45.8 kDa