

Product datasheet for **RC213091A1V**

Human TrkA (NTRK1) (NM_001012331) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TrkA (NTRK1) (NM_001012331) AAV Particle
Tag:	Myc-DDK
Symbol:	NTRK1
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:**

>RC213091 representing NM_001012331
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGCGAGGCGGACGGCGCGGCAGCTTGGCTGGCACAGCTGGGCTGCGGGGCCGGGCAGCCTGCTGG
 CTTGGCTGATACTGGCATCTGCGGGCGCGCACCTGCCCGATGCCTGCTGCCCCACGGCTCCTCGGG
 ACTGCGATGCACCCGGGATGGGGCCCTGGATAGCTCCACCACCTGCCCGGCGCAGAGAACCTGACTGAG
 CTCTACATCGAGAACCAGCAGCATCTGCAGCATCTGGAGCTCCGTGATCTGAGGGGCTGGGGGAGCTGA
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 CAGTCGCTGAATCTCTCCTTCAACGCTCTGGAGTCTCTCTCTGGAAAAGTGTGCAGGGCCTCTCCTTA
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 GTGCTGCTGCGGTGCCAGGTGGAGGGGCGGGGCTGGAGCAGGCGGCTGGATCCTCACAGAGCTGGAGC
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 TTCAGTGATGCCTGTGTTACCCACATCAAGCGCCGGGACATCGTGTCAAGTGGGAGCTGGGGGAGGGCG
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 CAAGGCACTGAAGGAGGCGTCCGAGAGTGTCTGGCAGGACTTCCAACGTGAGGCTGAGCTGCTACCATG
 CTGCAGCACAGCACATCGTGCCTTCTTCGGCGTCTGCACCGAGGGCCGCCCTGCTCATGGTCTTTG
 AGTATATGCGGCACGGGACCTCAACCGCTTCTCCGATCCCATGGACCTGATGCCAAGCTGCTGGCTGG
 TGGGGAGGATGTGGCTCCAGGCCCTGGGTCTGGGGCAGCTGCTGGCCGTGGTAGCCAGGTGCTGCG
 GGGATGGTGTACCTGGCGGTCTGCATTTTGTGCACCGGGACCTGGCCACACGCAACTGTCTAGTGGGCC
 AGGGACTGGTGGTCAAGATTGGTGATTTTGGCATGAGCAGGGATATCTACAGCACCAGCTATTACCGTGT
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 GAGAGCGACGTGTGGAGCTTCGGCGTGGTGTCTGGGAGATCTTACCTACGGCAAGCAGCCCTGGTACC
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 ACCAGAGGTCTACGCCATCATGCGGGGCTGCTGGCAGCGGGAGCCCCAGCAACGCCACAGCATCAAGGAT
 GTGCACGCCCGCTGCAAGCCCTGGCCAGGCACCTCCTGTCTACCTGGATGTCCTGGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213091 representing NM_001012331 Red=Cloning site Green=Tags(s) MLRGRRGQLGWHWSAAGPGSLLAWLILASAGAAPCPDACCPHGSSGLRCTR DGALDSLHHLPGAENL TE LYIENQHLQHLELRDLRGLGELRNLTIVKSGLRFVAPDAFHFTPRLSRLNLSFNAESLSWKT VQGLSL QELVLSGNPLHCSCALRWLQRWEEELGGVPEQKLQCHGQGPLAHMPNASC GVPTLKVQVPNASVDVGDD VLLRCQVEGRGLEQAGWILTELEQSATVMKSGGLPSLGLTLANVTSDLNRKNLT CWAENDVGRAEVSQV NVSFPASVQLHTAVEMHHWCIPFSVDGQPAPSLRWLFNGSVLNETSFIFTEFLEPAANETVRHGCLRLNQ PTHVNNGNYYTLAANPFGQASASIMAAFMNDNPFEPEDPIPDTNSTSGDPVEKKDETPFGVSVAVGLAV FACFLSTLLLVLNKCGRNRKFGINRPVLAPE DGLAMSLHFM TLGGSSLSPTEGKGSGLQGHIIENPQY FSDACVHHIKRRDIVLKWELGEGAFGKVFLAECHNLLPEQDKMLVAVKALKEASE SARQDFQREAE LLTM LQHQHIVRFFGVCTEGRPLL MVFEYMRHGD LNRFLRSHGPDAKLLAGGEDVAPG PLGLGQLLAVASQVAA GMVYLAGLHFVHRDLATRNCLVGQGLVVKIGDFGMSRDIYSTDYRVGGRTMLPIRWMPPE SILYRKFTT ESDVWSFGVVLWEIFTYKQPWYQLSNTEAIDCITQGRELERPRACPPEVYAIMRGCWQREPQQRHSIKD VHARLQALAQAPPVYLDVLG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001012331
ORF Size:	2370 bp
Buffer:	PBS with 0.001% Pluronic F6992
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_001012331.1, NP_001012331.1</u>
RefSeq Size:	2647 bp
RefSeq ORF:	2373 bp
Locus ID:	4914
UniProt ID:	<u>P04629</u>
Cytogenetics:	1q23.1
MW:	86.7 kDa