

Product datasheet for **RC600036A1V**

Human TrkC (NTRK3) (NM_001012338) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TrkC (NTRK3) (NM_001012338) AAV Particle
Tag:	Myc-DDK
Symbol:	TrkC
Synonyms:	gp145(trkC); GP145-TrkC; TRKC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600036 representing leader sequence plus the extracellular domain region of NM_001012338
Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGCAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGATGTCTCTCTTTGCCAGCCAAGTGTAGTTTCTGGCGGATTTTCTTGCTGGGAAGCGTCTGGCTG
ACTATGTGGGCTCCGTGCTGGCTTGCCCTGCAAATTGTGTCTGCAGCAAGACTGAGATCAATTGCCGGG
GCCGGACGATGGGAACCTCTTCCCCCTCTGGAAGGGCAGGATTGAGGGAACAGCAATGGGAACGCCAGT
ATCAACATCACGGACATCTCAAGGAATATCACTTCCATACACATAGAGAACTGGCGCAGTCTTACACGC
TCAACGCCGTGGACATGGAGCTCTACACCGGACTTCAAAAGCTGACCATCAAGAACTCAGGACTTCGGAG
CATTAGCCCAAGAGCCTTTGCCAAGAACCCCCATTTGCGTTATATAAACCTGTCAAGTAACCGGCTCACC
ACACTCTCGTGGCAGCTCTTCCAGACGCTGAGTCTTGGGAATTGCAGTTGGAGCAGAACCTTTTCAACT
GCAGCTGTGACATCCGTGAGTGCAGCTCTGGCAGGAGCAGGGGAGGCCAAGCTCAACAGCCAGAACCT
CTACTGCATCAACGCTGATGGCTCCCAGCTTCTCTCTTCCGCATGAACATCAGTCAGTGTGACCTTCTT
GAGATCAGCGTGAGCCACGTCAACCTGACCGTACGAGAGGGTGACAATGCTGTTATCACTTGCAATGGCT
CTGGATCACCCCTTCTCTGATGTGGACTGGATAGTCACTGGGCTGCAGTCCATCAACACTCACCAGACCA
TCTGAACTGGACCAATGTTTCATGCCATCAACTTGACGCTGGTGAATGTGACGAGTGAGGACAATGGCTTC
ACCTTGACGTGCATTGCAGAGAACGTGGTGGGCATGAGCAATGCCAGTGTGTCCTCTACTATC
CCCCACGTGTGGTGAGCCTGGAGGAGCCTGAGCTGCGCCTGGAGCACTGCATCGAGTTTGTGGTGCCTGG
CAACCCCCACCAACGCTGCACTGGCTGCACAATGGGCAGCCTCTGCGGGAGTCCAAGATCATCCATGTG
GAATACTACCAAGAGGGAGAGATTTCCGAGGGCTGCCTGCTCTTCAACAAGCCCACCCACTACAACAATG
GCAACTATACCTCATTTGCCAAAAACCACTGGGCACAGCCAACAGACCATCAATGGCCACTTCTCAA
GGAGCCCTTTCCAGAGAGCAGGATCACTTTATCTTGTTGACGAAGTGAGTCCCACACCTCCTATCACT
GTGACCACACAACAGAGAAGAACACT

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAA TGAGATC
TGGTACCGATATCAAGCTTGTCGACTCTAGA

Protein Sequence:

>RC600036 representing signal peptide plus the extracellular domain region of NM_001012338
Red=Cloning sites Green= DDK and 6XHis Tags

MDVSLCPAKSCFWIRIFLLGSVWLDYVGSVLACPANCVCSKTEINCRRPDDGNLFPLLEGQDSGNSNGNAS
INITDISRNITSIHIENWRSIHLTNAVDMELYTGLQKLTIKNSGLRSIQPRAFAKNPHLRINYINLSSNRILT
TLSWQLFQTLSLRELQLEQNFFNCSCDIRWMQLWQEQQEAKLNSQNLVCYNADGSQPLPFMRNISIQCQDLP
EISVSHVNLTVREGDNAVITCNGSGSPLPDVDWIVTGLQSIHQTNLWNTNVHAINLTLVNVTSEDNGF
TTCIAENVVGMNASVALTVYPPRVSLEPELRLEHCIEFVVRGNPPPTLHWLHNGQPLRESKIIHV
EYHQEGEISEGCLLFNKPTHYNNNGNYTLIAKNPLGTANQTINGHFLKEPFPESTDNFI L FDEVSPTPPIT
VYKGEPEEDT

TRSGTRSGDYKDDDDKGSHHHHH

Species:

Human

Serotype:

AAV-2

ACCN:

NM 001012338

ORF Size:

1287 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_001012338.2</u> , <u>NP_001012338.1</u>
RefSeq Size:	3004 bp
RefSeq ORF:	2520 bp
Locus ID:	4916
UniProt ID:	<u>Q16288</u>
Cytogenetics:	15q25.3
MW:	48.2 kDa