

Product datasheet for **RC221838A1V**

Human TrkB (NTRK2) (NM_001018064) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TrkB (NTRK2) (NM_001018064) AAV Particle
Tag:	Myc-DDK
Symbol:	NTRK2
Synonyms:	DEE58; EIEE58; GP145-TrkB; OBHD; trk-B; TRKB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC221838 representing NM_001018064
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGTCCTGGATAAGGTGGCATGGACCCGCCATGGCGCGGCTCTGGGGCTTCTGCTGGCTGGTTGTGG
 GCTTCTGGAGGGCCGCTTTCGCCTGTCCACGTCCTGCAAATGCAGTGCCTCTCGGATCTGGTGCAGCGA
 CCCTTCTCCTGGCATCGTGGCATTTCGAGATTGGAGCCTAACAGTGTAGATCCTGAGAACATCACCGAA
 ATTTTCATCGAAACCAGAAAAGGTTAGAAATCATCAACGAAGATGATGTTGAAGCTTATGTGGGACTGA
 GAAATCTGACAATTGTGGATTCTGGATTAATAATTTGTGGCTCATAAAGCATTCTGAAAAACAGCAACCT
 GCAGCACATCAATTTACCCGAAACAACTGACGAGTTTGTCTAGGAAACATTTCCGTCACCTTGACTTG
 TCTGAAGTATCCTGGTGGGCAATCCATTTACATGCTCCTGTGACATTATGTGGATCAAGACTCTCCAAG
 AGGCTAAATCCAGTCCAGACACTCAGGATTTGACTGCCTGAATGAAAGCAGCAAGAATATCCCTGGC
 AAACCTGCAGATACCAATTGTGGTTTGCCATCTGCAAATCTGGCCGACCTAACCTCACTGTGGAGGAA
 GGAAAGTCTATCATTATCCTGTAGTGTGGCAGGTGATCCGGTTCCTAATATGTATTGGGATGTTGGTA
 ACCTGGTTTCCAAACATATGAATGAAACAAGCCACACAGGGCTCCTTAAGGATAACTAACATTTTCATC
 CGATGACAGTGGGAAGCAGATCTCTGTGTGGCGGAAAATCTTGTAGGAGAAGATCAAGATTCTGTCAAC
 CTCACGTGTGATTTTGCACCAACTATCATTCTCGAATCTCCAACCTCAGACCACCACTGGTGCATTC
 CATTCACTGTGAAAGGCAACCCCAAACAGCGCTTCAGTGGTTCTATAACGGGGCAATATTGAATGAGTC
 CAAATACATCTGACTAAAATACATGTTACCAATCACACGGAGTACCACGGCTGCCTCCAGCTGGATAAT
 CCCACTCACATGAACAATGGGGACTACACTCTAATAGCCAAGAATGAGTATGGGAAGGATGAGAAACAGA
 TTTCTGCTCACTTCATGGGCTGGCCTGGAATTGACGATGGTGCAAACCCAAATTATCCTGATGAATTTA
 TGAAGATTATGGAACCTGCAGCGAATGACATCGGGGACACCACGAACAGAAGTAATGAAATCCCTTCCACA
 GACGCTACTGATAAAACCGGTGCGGAACATCTCTCGGTCTATGCTGTGGTGGTATTGCTGCTGTGGTGG
 GATTTTGCCTTTTGGTAATGCTGTTTCTGCTTAAGTTGGCAAGACACTCCAAGTTTGGCATGAAAGGCC
 AGCCTCCGTTATCAGCAATGATGATGACTCTGCCAGCCACTCCATCACATCTCCAATGGGAGTAACACT
 CCATCTTCTTCGGAAGGTGGCCAGATGCTGTCATTATTGGAATGACCAAGATCCCTGTCATTGAAAATC
 CCCAGTACTTTGGCATCACCAACAGTCAAGCCAGACACATTTGTTCCAGCACATCAAGCGACATAA
 CATTGTTCTGAAAAGGGAGCTAGGCGAAGGAGCCTTTGAAAAAGTGTTCTAGCTGAATGCTATAACCTC
 TGTCTGAGCAGGACAAGATCTTGGTGGCAGTGAAGACCCTGAAGGATGCCAGTGACAATGCACGCAAGG
 ACTTCCACCGTGAGGCCGAGCTCCTGACCAACCTCCAGCATGAGCACATCGTCAAGTTCTATGGCGTCTG
 CGTGGAGGGCGACCCCTCATCATGGTCTTTGAGTACATGAAGCATGGGGACCTCAACAAGTTTCTCAGG
 GCACACGGCCCTGATGCCGTGCTGATGGCTGAGGGCAACCCGCCACGGAAGTACGCGAGTCGAGATGC
 TGCATATAGCCCAGCAGATCGCCGCGGGCATGGTCTACCTGGCGTCCCAGCACTTCGTGCACCGCGATTT
 GGCCACCAGGAAGTGCCTGGTCGGGGAGAACTTGCTGGTGAAATCGGGGACTTTGGGATGTCCCGGGAC
 GTGTACAGCACTGACTACTACAGGTGCGGTGGCCACACAATGCTGCCATTCTGCTGGATGCCTCCAGAGA
 GCATCATGTACAGGAAATTCACGACGGAAGCGACGCTGAGAGCTGGGGTCTGTTGTGGGAGATTTT
 CACCTATGGCAAACAGCCCTGGTACCAGCTGTCAAACAATGAGGTGATAGAGTGTATCACTCAGGGCCGA
 GTCCTGCAGCGACCCCGCACGTGCCCCAGGAGGTGTATGAGCTGATGCTGGGGTGTGGCAGCGAGAGC
 CCCACATGAGGAAGAATCAAGGGCATCCATACCCTCCTTCAGAACTTGGCCAAGGCATCTCCGGTCTA
 CCTGGACATTCTAGGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221838 representing NM_001018064 Red=Cloning site Green=Tags(s) MSSWIRWHGPAMARLWGFCWL VVGFWRAAFACPTSCCKCSASRIWCSDPSPGIVAFPRLEPNSVDPENITE IFIANQKRLIINEDDVEAYVGLRNL TIVDSGLKFVAHKAFLKNSNLQHINFTRNKL TSLSRKHFRHLDL SELILVGNPFTCSCDIMWIKTLQEAKSSPDTQDLYCLNESSKNIPLANLQIPNCGLPSANLAAPNL TVEE GKSITLSCSVAGDPVPNMYWDVGNL VSKHMNETSHTQGLRITNISDDSGKQISCVAENLVGEDQDSVN LTVHFAPTITFLESPTSDHHWCIPFTVKGPNKPALQWFYNGAILNESKYICTKIHVNTNHEYHGCLQLDN PTHMNGDYTLIAKNEYGKDEKQISAHFMGWPGIDDGANPNYPDIYEDYGTAANDIGDTTNRSEIPST DVTDKTGREHLSVYAVVVIASVVGFCLLVMLFLLKLARHSKFGMKGPASVISNDDDSASPLHHISNGSNT PSSSEGGPDAVIIGMTKIPVIENPQYFGITNSQLKPDFTVQHIKRHNIVLKRELGEAFGKVFLAECYNL CPEQDKILVAVKTLKDASDNARKDFHREAELLTNLQHEHIVKFYGVCEGDPLIMVFYMKHGDNLNKFLR AHGPDVLAEGNPPTELTQSQMLHIAQQIAAGMVYLAHQHFVHRDLATRNCLVGENLLVKIGDFGMSRD VYSTDYRVGGHTMLPIRWMPPE SIMYRKFTTESDVWSLGVVLWEIFTYGKQPWYQLSNNEVIECITQGR VLQRPRTCPQEVYELMLGCWQREPHMRKNIKGIHTLLQNLAKASPVYLDILG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001018064
ORF Size:	2466 bp
Buffer:	PBS with 0.001% Pluronic F8402
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_001018064.1</u>
RefSeq Size:	5560 bp
RefSeq ORF:	2469 bp
Locus ID:	4915
UniProt ID:	<u>Q16620</u>
Cytogenetics:	9q21.33
MW:	92 kDa