

Product datasheet for **RC227578A1V**

Human BDNF (NM_001143813) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BDNF (NM_001143813) AAV Particle
Tag:	Myc-DDK
Symbol:	BDNF
Synonyms:	ANON2; BULN2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227578 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCATCCTTTTCCTTACTATGGTTATTTCACTTTGGTTGCATGAAGGCTGCCCCATGAAAGAAG
CAAACATCCGAGGACAAGGTGGCTTGGCTACCCAGGTGTGCGGACCATGGGACTCTGGAGAGCGTGAA
TGGGCCCAAGGCAGGTTCAAGAGGCTTGACATCATTGGCTGACACTTTGGAACACATGATAGAAGAGCTG
TTGGATGAGGACCAGAAAGTTCGGCCCAATGAAGAAAACAATAAGGACGCAGACTTGACACGTCCAGGG
TGATGCTCAGTAGTCAAGTGCCCTTTGGAGCCTCCTCTTCTCTTCTGCTGGAGGAATACAAAAATTACCT
AGACGCTGCAACATGTCCATGAGGGTCCGGCGCCACTTGACCCTGCCCGCCGAGGGGAGCTGAGCGTG
TGTGACAGTATTAGTGAGTGGGTAAACGGCGGCAGACAAAAAGACTGCAGTGACATGTCGGGCGGGACGG
TCACAGTCCTTGAAAAGGTCCCTGTATCAAAAGGCCAACTGAAGCAATACTTCTACGAGACCAAGTGCAA
TCCCATGGGTTACACAAAAGAAGGCTGCAGGGGCATAGACAAAAGGCATTGGAATCCCAGTGCCGAACT
ACCCAGTCGTACGTGCGGGCCCTTACCATGGATAGCAAAAAGAGAATTGGCTGGCGATTTCATAAGGATAG
ACACTTCTTGATGTACATTGACATTAAAAGGGAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC227578 protein sequence Red=Cloning site Green=Tags(s) MTILFLTMVISYFGCMKAAPMKEANIRGQGLAYPGVIRTHGTLESVNGPKAGSRGLTSLADTFEHMIEEL LDEDQKVRPNEENNKDADLYTSRVMLSSQVPLEPPLLFLLEEYKNYLDAAANMSMRVRRHSDPARRGELSV CDSISEWYTAADKKTAVDMSSGTVTVLEKVPVSKGQLKQYFYETKCNPMGYTKEGCRGIDKRHWNSQCRT TQSYVRALTMDSKKRIGWRFIRIDTSCVCTLTIKRGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001143813
ORF Size:	741 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_001143813.1, NP_001137285.1</u>
RefSeq Size:	3998 bp
RefSeq ORF:	744 bp
Locus ID:	627
UniProt ID:	<u>P23560</u>
Cytogenetics:	11p14.1
MW:	27.9 kDa