

Product datasheet for **RC202992A1V**

Human NDNF (NM_024574) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDNF (NM_024574) AAV Particle
Tag:	Myc-DDK
Symbol:	NDNF
Synonyms:	C4orf31; HH25; NORD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202992 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTGTCTCCACTGGTGCCTGCTGTGGCTCCTGTTTCCACTCAGCTCAAGGACCCAGAAGTTACCCA
 CCCGGGATGAGGAACCTTTTCAGATGCAGATCCGGGACAAGGCATTTTTCATGATTCGTCAGTAATTCC
 AGATGGAGCTGAAATTAGCAGTTATCTCTTTAGAGATACACCTAAAAGGTATTTCTTTGTGGTTGAAGAA
 GACAATACTCCATTATCAGTCACAGTGACGCCCTGTGATGCGCCTTTGGAGTGGAAGCTGAGCCTCCAGG
 AGCTGCCAGAGGACAGGAGCGGGGAAGGCTCAGGTGATCTGGAACCTCTTGAGCAGCAGAAGCAGCAGAT
 CATTAATGAGGAAGGCACTGAGTTATTCTCTACAAAGGCAATGATGTTGAGTATTTTATATCGTCTAGT
 TCCCCATCCGGTTTATATCAGTTGGATCTTCTTCAACAGAGAAAACACACATTTCAAAGTATATGCCA
 CCACAATCCAGAATCTGATCAGCCATACCTGAGTTACCTATGACCCAAGAGTAGATGTGACCTCACT
 GGGGCGCACCACGGTCACTTTGGCCTGGAACCAAGCCCCACTGCCTCTTTGCTGAAACAACCCATTGAG
 TACTGTGTGGTCAACAAGAGCACAAATTTCAAAGTCTCTGTGCAGTGGAAGCAAACTGAGTGCAG
 ATGATGCTTTTATGATGGCACCAGAACCTGGTCTGGACTTCAGCCCCCTTGACTTTGCCCACTTTGGATT
 TCCTTCTGATAATTGAGGTAAAGAACGCAGTTTCCAGGCAAAGCCTTCTCCAAAAGTGGGGCGTCATGTC
 TACTCCAGGCCCAAGGTTGATATTGAGAAAATCTGCATAGGAAACAAGACATCTTCACCGTCTCTGATC
 TGAAACCCGACACGCAGTACTACTTTGACGTATTTGTGGTCAACATCAACAGCAACATGAGCACCCTTA
 TGTAGGTACCTTTGCCAGGACCAAGGAAGAAGCAACAGAAGACAGTCGAGCTCAAAGATGGGAAGATA
 ACAGATGTATTTGTTAAAAGGAAGGGAGCAAAGTTTCTACGGTTTGCTCCAGTCTCTTCTACCAAAAAG
 TCACCTTCTTTTACTCTTTGTCTGGATGCTGTCCAAATCCAAGTGAGAAGAGATGGGAACTTCTTCT
 GTCTCAGAAATGTGGAAGGCATTGACAGTTTCAGCTTAGAGGAAAACCTAAAGCTAAATACCTCGTTCGA
 CTGAAAGGAAACAAGAAAGGAGCATCTATGTTGAAAATCTAGTACCACAAGGCCTACTAAGCAGTCAT
 TTCCCTCTCTTCTGAAGACACAAGAATCAAAGCCTTTGACAAGCTCCGTACCTGTTCTCGGCCACCGT
 GGCTTGGCTAGGCACTCAGGAAAGGAACAAGTTTGCATCTACAAAAAGAAAGTGATGATACTACAAT
 GAAGACCAGAAGAAAAGAGAGCAAAACCAATGTCTAGGACCAGATATAAGGAAGAAGTCAGAAAAGGTCC
 TCTGTAATATTTCCACAGTCAAACCTGCAGAAAGCAGTGACCACAGAAACAATTAAGGTCTTCAGCC
 TGGCAATCTTACCTGCTGGATGTTTATGTCATAGGACATGGGGGCACTCTGTAAAGTATCAGAGTAAG
 GTTGTGAAAACTAGAAAGTTCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202992 protein sequence
 Red=Cloning site Green=Tags(s)

MVLLHWCLLWLLFPLSSRTQKLPTREELFQMQRDKAFFHDSVIPDGAEISSYLFRDTPKRYFFVVEE
 DNTPLSVTVTPCDAPLEWKLQLPELDRSGEGSGDLEPLEQQKQIINEEGTELSYKNDVEYFISS
 SPSGLYQLDLLSTEKDTDFKVVYATTTPESDQPYPELPYDPRVDVSLGRTTVTLAWKPSPTASLLKQPIQ
 YCVVINKEHNFKSLCAVEAKLSADDAFMMAKPKGLDFSPDFAHFGFSDNSGKERSFQAKPSPKLGRHV
 YSRPKVDIQKICIGNKNIFTVSDLKPDQYYFDVFNINSNMSTAYVGTARTKEEAKQKTVELKDGI
 TDVFNKRGAKFLRFAPVSSHQVTFIHSCLDAVQIQVRRDGKLLSQNVEGIQQFQLRGKPKAKYLR
 LKGNKKGASMLKILATTRPTKQSFPSLPEDTRIKAFDKLRTCSSATVAWLGTQERNKFCIYKKEVDNIN
 EDQKKREQNQCLGPDIRKKSEKVLCKYFHSQNLQKAVTTETIKGLQPGKSYLLDVVYVIGHGHSVKYQSK
 VVKTRKFC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_024574
ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F5391
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_024574.3</u> , <u>NP_078850.3</u>
RefSeq Size:	2911 bp
RefSeq ORF:	1707 bp
Locus ID:	79625
UniProt ID:	<u>Q8TB73</u>
Cytogenetics:	4q27
MW:	64.7 kDa