

Product datasheet for **RC210326A1V**

Human NPTN (NM_017455) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NPTN (NM_017455) AAV Particle
Tag:	Myc-DDK
Symbol:	NPTN
Synonyms:	GP55; GP65; np55; np65; SDFR1; SDR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210326 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGGTTCGTCGCTGCCAGCGCCCTGGCCCTCTCGCTGTTGCTGGTCTCTGGCTCCCTCCTCCCAG
GGCCAGGCGCCGCTCAGAACGAGCCAAGGATTGTCACCAGTGAAGAGGTCATTATTCGAGACAGCCCTGT
TCTCCCTGTCACCCTGCAGTGAACCTCACCTCCAGCTCTCACCCCTTACATACAGCTACTGGACAAAG
AATGGGGTGGAAGTGAAGTCCACTCGTAAGAATGCCAGCAACATGGAGTACAGGATCAATAAGCCGAGAG
CTGAGGATTCAGGCGAATACCACTGCGTATATCACTTTGTCAGCGCTCCTAAAGCAAACGCCACCATTTGA
AGTGAAAGCCGCTCCTGACATCACTGGCCATAAACGGAGTGAGAACAAGAATGAAGGGCAGGATGCCACT
ATGTATTGCAAGTCAGTTGGCTACCCCAACCCAGACTGGATATGGCGCAAGAAGGAGAACGGGATGCCCA
TGGACATTGTCAATACCTCTGGCCGCTTCTTCATCATCAACAAGGAAAATTACACTGAGTTGAACATTGT
GAACCTGCAGATCACGGAAGACCCTGGCGAGTATGAATGTAATGCCACCAACGCCATTGGCTCCGCCTCT
GTTGTCACTGTCCTCAGGGTGCGGAGCCACCTGGCCCCACTCTGGCCTTTCTTGGGAATTCTGGTGAAA
TTATCATCCTTGTGGTGATCATTGTTGTGTATGAGAAGAGGAAGAGGCCAGATGAGGTTCTGACGATGA
TGAACCAGCTGGACCAATGAAAACCAACTCTACCAACAATCACAAAGATAAAACTTGCGCCAGAGAAAC
ACAAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210326 protein sequence Red=Cloning site Green=Tags(s) MSGSSLPSALALSLLLVSGLLPGPAAQNEPRIVTSEEVIIRDSPVLPVTLQCNTSSSHTLTYSYWK NGVELSATRKNASNMEYRINKPRAEDSGEYHCVYHFVSAPKANATIEVKAAPDITGHRSENKNEGQDAT MYCKSVGYPHPDWIWRKKENGMPMDIVNTSGRFFIINKENYTELNIVNLQITEDPGEYECNATNAIGSAS VVTVLRVRSHLAPLWPFLGILAEIIILVVIIVVYEKRKRPDVDPDDDEPAGPMKTSTNNHKDKNLRQRN TN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017455
ORF Size:	846 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_017455.2</u>
RefSeq Size:	2106 bp
RefSeq ORF:	849 bp
Locus ID:	27020
UniProt ID:	<u>Q9Y639</u>
Cytogenetics:	15q24.1
MW:	31.3 kDa