

Product datasheet for **RC201621A1V**

Human SNX2 (NM_003100) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SNX2 (NM_003100) AAV Particle
Tag:	Myc-DDK
Symbol:	SNX2
Synonyms:	TRG-9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201621 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGCAGAGGGAACCTCCTCCGCTGGGGACGGGAAGCCACCGACTTTGAGGATCTGGAGGACG
 GAGAGGACCTGTTCAACCAGCACTGTCTCCACCCTAGAGTCAAGTCCATCATCTCCAGAACCAGCTAGTCT
 TCCTGCAGAAGATATTAGTGCAAACCTCAATGGCCAAAAACCCACAGAAGTTGTATTAGATGATGACAGA
 GAAGATCTTTTTGCAGAAGCCACAGAAGAAGTTTCTTTGGACAGCCCTGAAAGGGAACCTATCCTATCCT
 CGGAACCTTCTCCTGCAGTCACACCTGTCACTCTACTACACTCATTGCTCCTAGAATTGAATCAAAGAG
 TATGTCTGCTCCCGTATCTTTGATAGATCCAGGGAAGAGATTGAAGAAGAAGCAATGGAGACATTTTT
 GACATAGAAATGGTGTATCAGATCCAGAAAAAGTTGGTATGGCATGAATGCCTATATGGCATATAGAG
 TAACAACAAGACATCTCTTCCATGTTTCAGTAAGAGTGAATTTTCAGTAAAAGAAGATTTCAGCGACTT
 TCTTGGTTTGCACAGCAAATTAGCAAGCAAATATTTACATGTTGGTTATATTGTGCCACCAGCTCCAGAA
 AAGAGTATAGTAGGGATGACCAAGGTCAAAGTGGGTAAGAAGACTCATCATCCACTGAGTTTGTAGAAA
 AACGGAGAGCAGCTCTTGAAGGTATCTTCAAAGAACAGTAAAACATCCAACTTTACTACAGGATCCTGA
 TTTAAGGCAGTTCTTGGAAAAGTTCAGAGCTGCCTAGAGCAGTTAATACACAGGCTCTGAGTGGAGCAGGA
 ATATTGAGGATGGTGAACAAGGCTGCCGACGCTGTCAACAAAATGACAATCAAGATGAATGAATCGGATG
 CATGGTTTGAAGAAAAGCAGCAGCAATTTGAGAATCTGGATCAGCAACTAGGAAACTTCATGTCAGTGT
 TGAAGCCTTGGTCTGTATAGAAAAGAACTTTCAGCCAACACAGCTGCCTTTGCTAAAAGTGTGCCATG
 TTAGCTAATTCTGAGGATCATACTGCTTTATCTAGAGCTTTGTCTCAGCTTGCAGAGGTTGAGGAGAAGA
 TAGACCACTTACATCAAGAACAAGCTTTTGTGACTTTTATATGTTTTTCAGAACTACTTGACTACAT
 TCGTCTTATTGCTGCAGTAAAAGGTGTGTTTGACCATCGAATGAAGTGCCTGGCAGAAATGGGAAGATGCT
 CAAATTACTTTGCTCAAAAAACGTGAAGCTGAAGCAAAAATGATGGTTGCTAACAAACCAGATAAAAATAC
 AGCAAGCTAAAAATGAAATAAGAGAGTGGGAGGCGAAAAGTGAACAAGGGGAAAGAGATTTTGAACAGAT
 ATCTAAAACGATTCGAAAAGAAGTGGGAAGATTTGAGAAAAGACGAGTGAAGGATTTTAAAACCGTTATC
 ATCAAGTACTTAGAATCACTAGTTCAAACACAACACAGCTGATAAAATACTGGGAAGCATTCTACCTG
 AAGCCAAAGCCATTGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201621 protein sequence
 Red=Cloning site Green=Tags(s)

MAAEREPPPLGDGKPTDFEDLEDGEDLFTSTVSTLESSPSSPEPASLPAEDISANSNGPKPTEVVLDDDR
 EDLFAEATEEVSLDSPEREPILSSEPSAVTPVTPPTLLIAPRIESKMSAPVIFDRSREEIEEEANGDIF
 DIEIGVSDPEKVGDMNAYMAYRVTTKLSL SMFSKSEFSVKRRFSDFLGLHSLKASKYLHVGYIVPPAPE
 KSIVGMTKVKGKEDSSSTEFVEKRRALERYLQRTVKHPTLLQDPDLRQFLESSELPRVANTQALSGAG
 ILRMVNKAADAVNKMTIKMNESDAWFEEKQQFENLDQQLRKLHVSVEALVCHRKEL SANTAAF AKSAAM
 LGNSEDHTALSRALSQLAEEVEEKIDQLHQEQAFAFYMFSELLSDYIRL IAAVKGVDFHRMKCWQKWEDA
 QITLLKKREAEAKMMVANKPDKIQQAKNEIREWEAKVQQGERDFEQISKIRKEVGRFEKERVKDFKTVI
 IKYLESLVQTQQQLIKYWEAFLPEAKAIA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003100

ORF Size:

1557 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_003100.2</u>
RefSeq Size:	6559 bp
RefSeq ORF:	1560 bp
Locus ID:	6643
UniProt ID:	<u>O60749</u>
Cytogenetics:	5q23.2
MW:	58.5 kDa