

Product datasheet for **RC223742A1V**

Human NET1 (NM_001047160) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	NET1
Synonyms:	ARHGEF8; NET1A
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223742 representing NM_001047160
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCGAGCTGGCGGCTCAGAAGCAGCCTCGACCGGGAGGCGAAGCCGGCCCTCTGGGCTCA
 GCACGGAGGGAGCGACGGGGCCTTCGGCCGACACCTCCGGGTCGGAGCTGGACGGGAGATGTTCCCTTCG
 GAGAGGCAGCTCCTTACATTCTTAACACCTGGCCCAACTGGGACTTCACTTTGAAAAGAAAACGCAGA
 GAGAAAGATGATGATGTTGTAAGCCTTAGCAGCCTTGATCTGAAGGAGCCAAGCAATAAAGAGTTTCGAC
 CTCTGGCTCGTGTACGTCCTTGCCAAATTAATCTCTCCTGTAAGAAATGGAGCTGTCAGACGTTTTGG
 TCAAAACAATACAGTCATTTACCTTCTGGTGTACCACAGATCCCCAGCCTCTGCCAGAAAGTTTTCTAGC
 AGGTCAACAGTCCCAACACCCGCCAAGAGAAGGAGCAGTGCCTGTGGTGTGAGATGCTGGACATCACCA
 TGAAGGAGTCTCTACCACCAGGGAGATCAGACGGCAGGAGCAATATATGAAATGTCCCGAGGTGAACA
 GGATTTAATGAGGATCTAACTTGCAAGAAAGCCATACCATGACCCATGTTAAAGTTGCCATCATG
 TCAGAAGAGGAACACACATATATTTGGTGATCTGGACTCTTACATACCTCTGCATGAAGATTTGTTGA
 CAAGAATAGGAGAAGCAACCAAGCCTGATGGAACAGTGGAGCAGATTGGTCCACATTCTCGTGTGAGTGGTT
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 AAACAGGATCCAAGAGTCCAAGACTTCTCCAGCGATGCTCGAGTCTCCCTTCACTCGAAAATAGATG
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 ACACACTCCAAAAGAGCACCTGATGTTACGTTCTGGAGGATGCTATATTGATAATACAGGGAGTCCCTC
 TCTGATATCAACTGAAGAAAGGTGAATCCGAGTGCCAGTATTACATCGACAAGCTGGAGTACCTGGATG
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 TGGACATAAACTTTACATTTTCTGTTTCAAGACATCTTGGTTCTGACTCGGCCGTACACGGAACGAA
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 GAGATGTGAGAATGGGAGGCTCCTTTCGAGGAGCTTTCAGTAACTCAGAGAAAGCTAAAAATATCTTTAG
 AATTCGCTTCCATGACCCCTCTCCAGCCAGTCTCACACTTGCAGCCAATGACGTGTTCCACAAGCAG
 CAGTGGTTCAACTGTATTTCGAGCGGCCATTGCCCCCTTCCAGTCCGAGGCAAGTCCACCTGAGCTCAGG
 GCCTGCCGGAGCTGCACGAAGAGTGTGAGGGGAACCCCTCTGCGAGGAAACTCACAGCCAGAGGAG
 GGCATCCACAGTTTCCAGTGTACTCAGGTAGAAGTTGATGAAAACGCTTACAGATGTGGCTCTGGCATG
 CAGATGGCAGAGGACAGCAAGAGCTTAAAGACACACCAGACACAGCCCGCATCCGAAGAGCGAGGGACA
 AAGCCCTTTCTGGTGGCAAACGAAAGAGACTTTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223742 representing NM_001047160
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MEPELAAQQPRPRRRRRRASGLSTEGATGPSADTSGSELDGRCSLRRGSSFTFLTPGPNWDFTLKRKR
 EKDDVVVLSLSDLKPSNKRVRPLARVTSANLI SPVRNGAVRRFGQTIQSFTLRGDHRSPASAQKFSS
 RSTVPTPAKRRSSALWSEMLDITMKESLTREIRRQEAIYEMSRGEQDLIEDLKLARKAYHDPMLKLSIM
 SEEELTHIFGDLDSYIPLHEDLLTRIGEATKPDGTVEQIGHILVSWLPRLNAYRGYCSNQLAAKALLDQK
 KQDPRVQDFLQRCLSPFSRKLDLWSFLDIPRSRLVKYPLLLKEILKHTPKHEPVDVQLLEDAILIIQVGL
 SDINLKKGESECCYYIDKLEYLDEKQRPRIEASKVLLCHGELRSKSGHKLYIFLFQDILVLRPVTNRNE
 RHSYQVYRQPIPVQELVLEDLQDGDVVMGGSFRGAFNSSEKAKNIFRIRFHDPSPAQSHTLQANDVFHKQ
 QWFNCIRAAIAPFQSAGSPPELQGLPELHEECEGNHPSARKLTAQRRASTVSSVTQVEVDENAYRCGSGM
 QMAEDSKSLKTHQTQPGIRRARDKALSGGKRKETLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001047160

ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F8702
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_001047160.1</u> , <u>NP_001040625.1</u>
RefSeq Size:	3414 bp
RefSeq ORF:	1791 bp
Locus ID:	10276
UniProt ID:	<u>Q7Z628</u>
Cytogenetics:	10p15.1
MW:	67.6 kDa