

Product datasheet for **RC230207A1V**

Human Noradrenaline transporter (SLC6A2) (NM_001172502) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Noradrenaline transporter (SLC6A2) (NM_001172502) AAV Particle
Tag:	Myc-DDK
Symbol:	Noradrenaline transporter
Synonyms:	NAT1; NET; NET1; SLC6A5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230207 representing NM_001172502
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGAGTGCAGTGGTGGAGCCACACCAAGGAGAGGTGGCTGTGGGGCTGGGCCTGGGAGACTCCTACC
 TTACCCCTGTCCCTGCCAGGCGTTGGCTATGCTGTCATCCTGATCGCCCTGTACGTTGGCTTCTACTA
 CAACGTCATCATCGCCTGGTCACTCTACTACCTCTTCTCCTCCTTCAACCTCAACCTGCCTGGACCGAC
 TGTGGCCACACCTGGAACAGCCCAACTGTACCGACCCCAAGCTCCTCAATGGCTCCGTGCTTGGCAACC
 ACACCAAGTACTCCAAGTACAAGTTACGCCGGCAGCCGAGTTTTATGAGCGTGGTGTCTGCACCTTCA
 CGAGAGCAGCGGGATTGATGACATCGGCTGCCCGAGTGGCAGCTCTTGTCTGTCTGATGGTGTCTGTC
 ATCGTCTTGTATTTAGCCTCTGAAAGGGGTGAAGACATCAGGAAAGGTGGTGTGGATCACAGCCACGC
 TGCCTTACTTCGTGCTGTTCTGCTCCTGGTCCATGGCGTCACGCTGCCCGAGCCTCAATGGCATCAA
 TGCCTACCTGCACATCGACTTCTACCGCTTGAAGAGGCCACGGTATGGATTGATGCCGCAACTCAGATA
 TTTTTTCTTGGGGGCTGGATTGGAGTATTGATTGCATTTGCCAGTTACAACAAATTTGACAACAACT
 GTTACAGGGATGCCCTGCTGACCAGCAGCATCAACTGTATCACCAGCTTCGTCTCTGGGTTCGCCATCTT
 CTCCATCCTTGGTTACATGGCCCATGAACACAAGGTCAACATTGAGGATGTGGCCACAGAAGGAGCTGGC
 CTAGTGTTCATCCTGTATCCAGAGGCCATTTCTACCCTGTCTGGATCTACATTCTGGGCTGTTGTGTTTT
 TCGTCATGCTCCTGGCGCTGGGCTTGACAGCTCAATGGGAGGCATGGAGGCTGTATCACGGGCTGGC
 AGATGACTTCCAGGTCTGAAGCGACACCGGAACTCTTACATTTGGCGTCACCTTCAGCACTTTCCTT
 CTCGCCCTGTTCTGCATAACCAAGGGTGAATTTACGCTTGAACCTCCTGGACACCTTTGCTGCGGGCA
 CCTCCATCCTTTTGTGTCTCATGGAAGCCATCGGAGTTTCTGGTTTTATGGAGTGGACAGGTTTCAG
 CAACGACATCCAGCAGATGATGGGGTTACGGCCGGTCTATACTGGAGACTGTGCTGGAAGTTTCGTGAGT
 CCTGCCTTCTCCTGTTCTGTTGTGGTGTGGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT
 TCTTCCCGCCCTGGGCCAACTGGGTGGGTGGGCATCGCCCTGTCTCCATGGTCTGGTGGCCATCTA
 CGTCATCTATAAGTTCTCAGCACGAGGGCTCTTTTGGGAGAGACTGGCCTATGGCATCACGCCAGAG
 AACGAGCACCACTGGTGGCTCAGAGGGACATCAGACAGTTCCAGTTGCAACACTGGCTGGCCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230207 representing NM_001172502
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MGVQWWSHTQGEVAVGLGLGDSYLTCPGPGVGYAVILIALYVGFYNNVIAWSLYLFSSTFLNLPWTD
 CGHTWNSPNCDDPKLLNGSVLGNHTKYSKYKFTPAAEFYERGVHLHESGSIHDIPLQWQLLLCLMVVV
 IVLYFSLWKGVKTSKVVVITATLPYFVLFVLLVHGVTLPGASNGINAYLHIDFYRLKEATVWIDAATQI
 FFSLGAGFGVLIAFASYNKFDNNCYRDALLTSSINCITSFVSGFAIFSILGYMAHEHKVNIEDVATEGAG
 LVFIILYPEAISTLSGSTFWAVVFFVMLLALGLDSSMGMGMEAVITGLADDFQVLKRHRKLFITGVFTSTFL
 LALFCITKGGIYVLTLLDTFAAGTSILFAVLMEAGVSWFYGVDRFSNDIQMMGFRPGLYWRLCWKFVS
 PAFLLFVVVVSIIINFKPLTYDDYIFPPWANWVGWIALSSMVLVPIYVIYKFLSTQGSWERLAYGITPE
 NEHHLVAQRDIRQFQLQHLAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001172502

ORF Size:

1536 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_001172502.1</u> , <u>NP_001165973.1</u>
RefSeq ORF:	1539 bp
Locus ID:	6530
UniProt ID:	<u>P23975</u>
Cytogenetics:	16q12.2
MW:	57.8 kDa