

Product datasheet for **RC224226A1V**

Human Oxytocin neurophysin 1 (OXT) (NM_000915) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Oxytocin neurophysin 1 (OXT) (NM_000915) AAV Particle
Tag: Myc-DDK
Symbol: Oxytocin neurophysin 1
Synonyms: OT; OT-NPI; OXT-NPI
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC224226 representing NM_000915
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGCCCCAGCCTCGCTTGTCTGTCTGCTCGGCCCTCTGGCGCTGACCTCCGCCTGCTACATCCAGA
 ACTGCCCCCTGGGAGGCAAGAGGGCCGCGCCGGACCTCGACGTGCGCAAGTGCCCTCCCCTGCGGCCCCGG
 GGGCAAAGGCCGCTGCTTCGGGCCCAATATCTGCTGCGCGGAAGAGCTGGGTGCTTCGTGGGCACCGCC
 GAAGCGCTGCGCTGCCAGGAGGAGAATACCTGCCGTGCGCCCTGCCAGTCCGGCCAGAAGGCGTGCGGGA
 CGGGGGCCGCTGCGCGGTCTTGGCCTCTGCTGCAGCCCGGACGGCTGCCACGCCGACCCTGCCTGCGA
 CGCGGAAGCCACCTTCTCCAGCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224226 representing NM_000915
 Red=Cloning site Green=Tags(s)

MAGPSLACLLGLLALTSACYIQNCPLGGKRAAPDLVVRKCLPCGPGGKGRFCGPNICCAEELGCFVGT
 EALRCQEENYLPSPCQSGQKACGSGRCAVLGLCCSPDGCHADPACDAEATFSQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_000915



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ORF Size:	375 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_000915.2</u>
RefSeq Size:	512 bp
RefSeq ORF:	378 bp
Locus ID:	5020
UniProt ID:	<u>P01178</u>
Cytogenetics:	20p13
MW:	12.72 kDa