

Product datasheet for **RC211425A1V**

Human Neurokinin 3 Receptor NK3 (TACR3) (NM_001059) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Neurokinin 3 Receptor NK3 (TACR3) (NM_001059) AAV Particle
Tag:	Myc-DDK
Symbol:	Neurokinin 3 Receptor NK3
Synonyms:	HH11; NK-3R; NK3; NK3R; NKR; TAC3R; TAC3RL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211425 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCACTCTCCAGCAGCAGAAACCTGGATAGACGGGGGTGGAGGCGTGGGTGCAGACGCCGTGAACC
 TGACCGCCTCGCTAGCTGCCGGGGCGGCCACGGGGCAGTTGAGACTGGGTGGCTGCAACTGCTGGACCA
 AGCTGGCAACCTCTCCTCCTCCCTTCCGCGCTGGGACTGCCTGTGGCTTCCCCCGCGCCTCCAGCCC
 TGGGCCAACCTACCAACCAGTTCGTGCAGCGCTCCTGGCGCGTCGCGCTCTGGTCCCTGGCGTATGGTG
 TGGTGGTGGCAGTGGCAGTTTGGGAAATCTCATCGTCATCTGGATCATCCTGGCCACAAGCGCATGAG
 GACTGTCACCAACTACTTCTTGTGAACCTGGCTTCTCCGACGCTCCATGGCCGCTTCAACACGTTG
 GTCAATTTTCATCTACGCGCTTCATAGCAGTGGTACTTTGGCGCAACTACTGCCGCTTCCAGAATTCT
 TTCCTATCACAGCTGTGTCGCCAGCATCTACTCCATGACGGCCATTGCGGTGGACAGGTATATGGCTAT
 TATTGATCCCTTGAAACCCAGACTGTCTGCTACAGCAACCAAGATTGTCATTGGAAGTATTTGGATTCTA
 GCATTTCTACTTGCCTTCCCTCAGTGTCTTTATTCCAAAACCAAGTCATGCCAGGCCGACTCTCTGCT
 TTGTGCAATGGCCAGAAGGTCCCAAACAACATTTCACTTACCATATTATCGTCATTATACTGGTGTACTG
 TTTCCCATTTGATCATCATGGGTATTACATACACCATTGTTGGAATTACTCTCTGGGGAGGAGAAATCCCA
 GGAGATACCTGTGACAAGTATCATGAGCAGCTAAAGGCCAAAAGAAAGGTTGTCAAAATGATGATTATTG
 TTGTCATGACATTTGCTATCTGCTGGCTGCCCTATCATATTTACTTCACTTCACTGCAATCTATCAACA
 ACTAAATAGATGGAAATACATCCAGCAGGTCTACCTGGCTAGCTTTTGGCTGGCAATGAGCTCAACCATG
 TACAATCCCATCATCTACTGCTGTCTGAATAAAAGATTTCGAGCTGGCTTCAAGAGAGCATTTGCTGGT
 GTCCTTTTCATCAAAGTTTCCAGCTATGATGAGCTAGAGCTCAAGACCACAGGTTTCATCAAACCGCA
 AAGCAGTATGTACACCGTGACCAGAATGGAGTCCATGACAGTCTGTTTGACCCCAACGATGCAGACACC
 ACCAGGTCCAGTCGGAAGAAAAGAGCAACGCCAAGAGACCCAAGTTTCAATGGCTGCTCTCGCAGGAATT
 CCAATCTGCCTCCGCCACTTCAAGTTTCATAAGCTCACCTATACCTCTGTGGATGAATATTCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211425 protein sequence
 Red=Cloning site Green=Tags(s)

MATLPAAETWIDGGGVGADAVNLTASLAAGAATGAVETGWLQLLDQAGNLSSSPSALGLPVASAPSQP
 WANLTNQFVQPSWRVALWSLAYGVVAVAVLGNLIVIIWILAHKRMRTVTNYFLVNLAFSDASMAAFNTL
 VNFIIYALHSEWYFGANYCRFQNFPPITAVFASIYSMTAIAVDRYMAIIDPLKPRLSATATKIVIGSIWIL
 AFLAFPQCLYSKTKVMPGRITCFVQWPEGPKQHFTYHIIIVYCFPLIIMGITYTIVGITLWGGEIP
 GDTCDKYHEQLKAKRKVVMMIIVVMTFAICWLPYHIYFILTAIYQQLNRWKYIQQVYLASFVWLSSTM
 YNPPIIYCLNKRFRAGFKRAFRWCPFIKVSSYDELELKTTRFHPNRQSSMYTVTRMESMTVVFDPNADT
 TRSSRKKRATPRDPSFNGCSRNSKSASATSSFISSPYTSVDEYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001059

ORF Size:

1395 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_001059.1</u>
RefSeq Size:	1753 bp
RefSeq ORF:	1398 bp
Locus ID:	6870
UniProt ID:	<u>P29371</u>
Cytogenetics:	4q24
MW:	52.2 kDa