

Product datasheet for **RN208419**

Nadk (NM_001109678) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nadk (NM_001109678) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nadk
Synonyms:	MGC109551
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208419 representing NM_001109678
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATGGAACAAGAAAAGATGAACCTGAGTAAAGAGCTGAATCCTGACTCAGCCTCCTACAACCTGTT
 CAGCATGCCATGGGGATGAGACCTGGAGCTACAATCACCCATCCGGGGCCGGCCAAGTCTCGGAGCCT
 GTCAGCCTCACCTGCCCTGGGCAGCACCAAGGAGTTCAGGAGAACCCGCTCTCTCCATGGCCGTGCCCA
 GTGACAACGTTTGGACAAAAGCCTGCGTGTGCAGAACCCAGACCATCATGCACATCCAGGACCCTG
 CAAGCCAACGTTGACATGGAACAAGTCTCAAAGAGTGTGCTTGTATCAAAAAGATCCGAGATGCCAG
 CTTACTGCAGCCCTCAAGGAGCTGTCATATACCTCATGGAGGAAAACAACATGATCGTGTATGTGAA
 AAGAAAGTTCTGGAAGACCCTGTATAGTGGGTGATGAAAACCTTGGACCAGTGAAGAAGAAGTTCTGCA
 CTTTCCGTGAAGATTATGATGACATTTCCAACCAGATAGACTTCATCATATGCCTTGGAGGAGATGGTAC
 CTTGCTCTATGCCTCCTCACTTTCCAGGGCAGTGTGCCTCCTGTATGGCCTTTCACCTTGGATCCCTG
 GGCTTTCTGACCCATTCAACTTTGAGAACTTCCAATCCAAGTGAATCAGGTGATAGAGGGGAATGCTG
 CTGTTATCCTGAGGAGCCGGCTAAAGGTCAGGGTGGTGAAGAGCCAGAGACAAGAAGACGCCATCCA
 CAACGGCCTCAGTGAAAATGGTCTGGACACAGAGGGCGGAAAACAAGCTATGCAATACCAGGTCTTGAAT
 GAAGTGGTGATTGACAGAGGCCCTTCTCATACCTGTCCAACGTTGATGTCTACCTGGATGGACACCTTA
 TTACCACTGTGCAGGGCGATGGAGTGTGTCACCCCGACGGGCAGCACAGCCTATGCAGCTGCAGC
 CGGGCCCTCCATGGTCCACCCCAACGTGCCGGCCATCATGGTTACACCCATCTGCCCCACTCGTGTC
 TTCGGCTATCGTGGTCCCTGCAGGGTTCGAGCTGAAGATTATGCTGTACCAGAAGCCAGGAACACGG
 CATGGGTGTCTTTGATGGACGAAAAGACAGGAAATTCGCCATGGAGACAGCATCAGCATCACCACCTC
 CTGCTACCCACTGCCCTCCATCTGTGTGTGACCCCTGTGAGTGACTGGTTCGAGAGCCTTGTCTAGTGT
 CTGCACTGGAATGTTGAAAGAAGCAAGCTCACTTTCCAGAAGATGAGGAGGACCAGGATGAGGAGGACA
 GCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001109678

Insert Size: 1335 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001109678.1, NP_001103148.1
RefSeq Size: 3443 bp
RefSeq ORF: 1335 bp
Locus ID: 100125370
Cytogenetics: 5q36