

Product datasheet for RC231914

NMNAT3 (NM_001200047) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NMNAT3 (NM_001200047) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: NMNAT3
Synonyms: FKSG76; PNAT-3; PNAT3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231914 representing NM_001200047
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGAGCCGAATACCTGTGGTGCTCCTGGCCTGTGGCTCCTTTAACCCCATCACCAACATGCACCTGC
 GCATGTTTGAGGTGGCCAGAGATCACCTACACCAACAGCTGTGCCTGAGCTGAAGCTTCTCTGTGGGGC
 AGACGTCTTGAAGACCTCCAGACCCCCAACCTCTGGAAGGATGCGCACATCCAGGAAATAGTGGAGAAG
 TTTGGCTTGGTGTGCGTGGGCCGAGTAGGTCACGACCCAAAAGGTTACATCGAGAATCTCCCATCTAC
 GGATGCACCAGCACAACATTCACCTGGCCAAGGAGCCTGTGCAGAATGAGATCAGTGCCACATACATCAG
 GCGAGCCTTGGCCAAGGGCAGAGCGTAAAGTACCTGATTCCCGATGCTGTATCACGTACATCAAGGAC
 CATGGCCTCTACCAAGGGCAGTACCTGGAAAGGCAAAAGCACCCAGAGCACTGAGGGCAAGACAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231914 representing NM_001200047
 Red=Cloning site Green=Tags(s)

MKSRIPIVLLACGSFNPIITNMHLRMFEVARDHLHQAVPELKLKCGADVLKTFQTPNLWKDAHIQEIIVEK
 FGLVLCVGRVGHDPKGYIAESPILRMQHNIHLAKEPVQNEISATYIRRALGQQSVKYLIPDAVITYIKD
 HGLYTKGSTWKGKSTQSTEGKTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

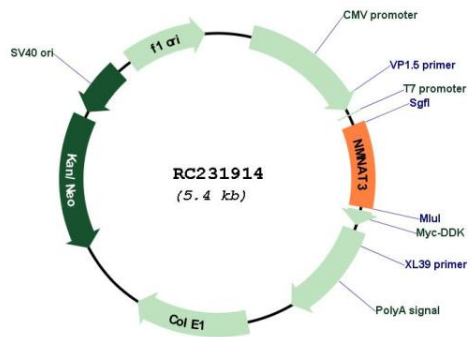


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RefSeq: [NM_001200047.2](#)
RefSeq Size: 1801 bp
RefSeq ORF: 492 bp
Locus ID: 349565
UniProt ID: [Q96T66](#)
Cytogenetics: 3q23
Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism
MW: 18.7 kDa

Gene Summary: This gene encodes a member of the nicotinamide/nicotinic acid mononucleotide adenylyltransferase family. These enzymes use ATP to catalyze the synthesis of nicotinamide adenine dinucleotide or nicotinic acid adenine dinucleotide from nicotinamide mononucleotide or nicotinic acid mononucleotide, respectively. The encoded protein is localized to mitochondria and may also play a neuroprotective role as a molecular chaperone. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

Product images:



Circular map for RC231914