

## Product datasheet for **SC210376**

### NMNAT3 (NM\_178177) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NMNAT3 (NM_178177) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NMNAT3
Synonyms:	FKSG76; PNAT-3; PNAT3
ACCN:	NM_178177
Insert Size:	849 bp
Insert Sequence:	>SC210376 3'UTR clone of NM_178177 The sequence shown below is from the reference sequence of NM_178177. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCCAGAGCACTGAGGGCAAGACAAGCTAGGGAGGGGGGACTCAGCACCCACACCTCTCCAACAAGCT
CCTGCTGGGGAGAGGGCTGTTAAGGTTTCTGTTTACTTTGGTTTTGCTTCTCCATTTTCATTTGCT
TTATTTCTACAGTGATTCTACTTCTGAGGAGTCTTCTGTCCCAGGAAGAGATACCTTCTTTACAGGAGA
GGAAAGGTCTAAATCACAGGATAGACATTTATCAAAGAAGTTAAATGGTGTGGCAGGTATTAGGAT
TAGGCAGAATCTCTCAGAGCTGCTGGACAAGGAGTCTACTTATTTTGTGGATGGTAATTATGGCAT
GCACGCTGAATGCAGTTCTGAGCATGGCAGCGGCCCTGAGGGTCAGATCAGAATTGCCACAATGTGT
TTTTTAACTAGGACCAGGTGCAGCATGCTAGTCTTGATTGGAAAGATTTGACAGGATGCTAATTACTGA
ACAGTGGGTTTTGTCAACGCCCTGGTTTCAGAATATGAACTGAGGAGTCAAACAGTTGGAAACAGCACA
TTGCTGATTTACTGATCTTGCCTTAGAAACCATTGTCTGCCTGCCTAACCAGTTTTTATAAAATT
TAAACAAAACCTTTCTACGTAGTGATCCTCAAGCAATATTTTTGATACAGCAAGTGTCAAACCTTGCTA
TAGCATAAAAGCCGGGGCTCCTGATTTCCAGGTTTCTAAAAGGAACTGAGGTAAAACAGATGCCTGAC
CGTTTTAAAGGATCTTTTTAATGTTTTATGACTGCCTGTCTGTTTGAATACTGGCAAAGGGATAAATA
ATAAATTGACATCAAAAAGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_178177.5</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	349565
<b>MW:</b>	32.1