

Product datasheet for **RN211034**

Nadsyn1 (NM_181480) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nadsyn1 (NM_181480) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nadsyn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN211034 representing NM_181480
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCCGGAAAGTGACCGTGGCTACCTGTGCACTCAATCAATGGGCCCTGGACTTTGAGGGCAATTTCC
 AGAGGATTTTAAAGAGTATTCAAATTGCCAAAGGCAAAGGTGCGAGATACAGGCTTGACCGGAAC TAGA
 AATATGCGGCTATGGATGTTGGGATCACTATCATGAGTCAGACACTCTCTTGCACTCGCTCCAAGTTCTG
 GCTGCTCTTGGATGCTCCGGCCACTCAGGACATCATCTGTGACGTGGGGATGCCTATAATGCACCGGA
 ATGTTCTGTACAAGTACTGTTAGTCATCTTCTCAACAGGAAGATTCTGCTCATCAGACCCAAGATGGCCTT
 GGCCAATGAAGGCAACTACAGGGAAGTGCCTGGTTCACCCCTGGGCCAGGAGCCGACAAACTGAGGAA
 TATGCTCCTCCCTCGGATGTTACAGGACCTGACAAAGCAGGAAACTGTGCCCTTTGGAGATGTGGTACTGG
 CCACCCAGGACACCTGTATTGGGAGTGAGATCTGTGAGGAGCTCTGGACGCCATGCAGCCCCACGTCAA
 CATGGGCCTGGATGGTGTGAAAATCATACCAATGCCTCGGGCAGCCACCACGTGCTACGAAAAGCCCAT
 ACCAGAGTGGATCTGGTAACCATGGCTACTCCAAGAATGGTGGCATCTACCTGTAGCCAAATCAGAAGG
 GCTGTGACGGTCACCTACTCTACTATGATGGCTGTGCCATGATTGCGATGAATGGGAGCATCTTTGCCCA
 GGAACCCAGTTCTCATTGGATGATGTGGAGGTTCTCACTGCCACGCTGGACCTGGAGGACGTGAGGAGC
 TACAGGGCAAAGATCTCATCACGGAACCTGGAGGCAACCAGAGTGAACCCATACCCCGGGTAACAGTGG
 ACTTTGCCCTTTTCGGTCAAGTGAAGACCTGTTGGAGCCAGTGTGAGAGCCTGTGGAGTGGACATACCACAG
 GCCTGAGGAGGAGATAAGCCTCGGGCTGCCTGCTGGCTCTGGGACTTCCCTCGACGGAACAATCAGGCC
 GGGTTTTCTGCCCTGAGTGGCGGTGTGGACAGTGCAGCCAGCGCCTGCGTCGCTACTCCATGTGCT
 GCCTGGTCTGTGAGGCTGTGAAGAGCGGAAATCAGCAAGTGTGACAGACGTCCAAAACCTGGTGGACGA
 GAGCAGCTACACCCCTCAGGATCCCGGGAGCTCTGCGGACGGCTGCTCACTACTTGTACTACATGGCCAGT
 GAGAACTCCTCCAGGAGACCCACAACAGGGCCACAGAAGTGGCTCAGCAGATTGGAAGCTACCACATCA
 GTCTGAACATCGACCCTGCTGTGAAGGCCATCTTGGGCATCTTACGCTGGTACTGGGAAGTCCCTCG
 GTTCTCAGCAGATGGAGGGAGCAGCAGGGAGAACCTGGCCCTGCAGAATGTGCAGGCTCGGATTAGGATG
 GTCCTTGCTACCTGTTGCTCAGCTGAGCCTCTGGTCTCGGGGTGCTCGAGGAAGTCTTCTGTGCTTG
 GATCTGCCAATGTAGATGAGAGTCTCCTCGCTACCTGACTAAGTATGACTGCTCCAGTGCAGGACATCAA
 CCCTATAGCGGCATCAGCAAGACGGATCTGAGAGCCTTCGTCCAGTTGTGTGCAGAGCGCTTCCAGCTC
 CCTGTTCTGCAGGCCATCTGTGACGCGCGGCCACTGCAGAACTAGAGCCCTTAGCCGATGGCAGGTGT
 CTAGATGGATGAGGAAGACATGGGGATGACGTACACAGAAGTCTCCATCTTCGGCAGGCTCCGGAAGGT
 CGCAAGGCAGGGCCCTACAGCATGTTCTGCAAAGTGTCAACATGTGGAAGACAGCTGTACACCGAGA
 CAGGTGGCTGAGAAGGTAAGCGATTTTCTCAAAGTACTCCATAAACAGGCACAAGATGACGACCCCTCA
 CGCCAGCATATCATGCTGAAAATACAGTCCGGACGACAACAGGTTTGACCTGAGACCCCTTCTGTACAA
 CACGAGGTGGCCCTGGCAGTTCTCTGCATTGACAACAGGTTGTACAGCTCGAGAGGAAAAACATCGCAG
 ACCCTGGAAGAACAGATCCAGGAGCATTCAAAGAGCCATCACCTATATGGAAACAGCTCCTCCCAAGG
 ACCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_181480

Insert Size: 2178 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:	<ol style="list-style-type: none">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:	<u>NM_181480.1</u> , <u>NP_852145.1</u>
RefSeq Size:	2178 bp
RefSeq ORF:	2178 bp
Locus ID:	353255
UniProt ID:	<u>Q812E8</u>
Cytogenetics:	1q42
Gene Summary:	human homolog catalyzes the final step in the biosynthesis of NAD from nicotinic acid adenine dinucleotide (NaAD) [RGD, Feb 2006]