

Product datasheet for **RN202509**

Nags (NM_001107053) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nags (NM_001107053) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nags
Synonyms:	RGD1565783
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202509 representing NM_001107053
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACGGCGTGGGTGGCCACAGCCCTGCGATCTGCTGCGCGGCCAGAAGGCTGCGCAGCCCGGGT
 GACCTGGGGGCTACGGAGACTGAGTGGCAGCGGAGGCCGCGGGGCGAGGAGCGCCAGCCCGGACG
 CCGGCTCAGCACTGCCAGGGCTCACGTAGAGGACAACGAGGGCACTAAGGGTCGTGTCCAGTCTCTGCC
 GTCGAGGAGCCGCGTGGACACCTCTTCCAACCCCTCGAATCTCTGCGCCTCCTGCCGCAAATCAC
 TGGTGCAGCGGGACATCCAGGCCCTTCTGAATCAGTGTGGTGCCAGCCCGGGGAGGCACGGCACTGGT
 CACACAATTCAGACCTGCTATCATTGGTGGACAAGCCCTTCGCGCTCGTGGAGGTAGATGAGGAGGTG
 TTCGGGTGCCCGAGCGGTATCCCGCTGGCTTCGCGCTAGCCTTTCTGCAACGCATGGACATGAAGC
 CGCTGGTGGTCTGGGGTGCAGCCCGGACGGCCCTTCGGCTGTCTCTCTTCTGGGAAGCTAAGGC
 ACAGCTTGCTCAGAGCTGCAAGGTGCTGGTGAATGAACTACGGCACAACGCGGCTACTGCTGTGCCCTTT
 TTTGGCGCGGATCAGTCTGAGTGTGCGGAACAGCTCCCATGCCAGCTACGGTGGCATCGTCGCGG
 TGGAGACAGACCTGTTGAGTGGTGCCTGGAGTCCAACAGCATTCCAATCCTGTGTCCCATTGGGAAAC
 GGCTGCGCGCGTTCGGTCTTAGACTCGTGGAGGTGACTGCGTCTCTGGCCAAGGCTCTGCAGCCC
 ACCAAAATCATCTTCTCAATAATTCAGGCGGCCTGCGGGATACCAGTCAGAAGATCCTGAGCAATGTGA
 ACCTGCCCCGCGACCTTGACCTTGTTACCAACGCTGAGTGGTGAGCACCAGAGCGGCAGCAGATTTCG
 GCTCATCGTGGACGTGCTCAGCCGCTGCCGCACTACTCTCCGAGTCATCACAGCCGCTAGCACGCTG
 CTCACCGAACTCTTCAGTAACAAGGGCTGTGGCACCTGTTAAAAATGCTGAGCGGATGCTGCGTGTGC
 GCAGCTGGACGCTGGACCAGGGCCGCTAGTGAACCTAGTCAACGCTAGCTTCGGCAAGAACTCCG
 AGAAGACTATCTGGAGTCACTGCGCCACGGTTACACTCGATCTATGTCTCTGAGGGGTACAACCGGCA
 GCCATTCTGACAGTGGAGCCTGTACTAGGGGACCCCGTATCTGGACAAATTTGTAGTGAAGTCCAGCC
 GCCAGGGCAAGGTTCCGGACAGATGCTGTGGGAATGCCTTCGGAGGGACCTGCAAACGTTGTTCTGGCG
 CTCACGGGTACCAACCCATCAATCCTTGGTACTTCAAGCACAGTATGGTAGCTTCTCCAACAAGCAG
 TGGATCTTCTTGGTTTGGCTAGCCGACATCCGGGACTCCTATGAACTGGTCAATCATGCCAAAGGGC
 TGCCAGACTCCTCTGCAAGCCAGCTTCTGACCCAGGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107053

Insert Size: 1584 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_001107053.1](#), [NP_001100523.1](#)

RefSeq Size: 2111 bp

RefSeq ORF: 1584 bp

Locus ID: 303563

Cytogenetics: 10q32.1