

## Product datasheet for RN208257

### Nans (NM\_001106655) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nans (NM_001106655) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nans
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208257 representing NM_001106655 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGCTGGAGCTGGAGCTGTGTCCCGGGCGCTGGGTGGGTGGACAGCACCCGTGCTTCATCATCGCGG  
AGATCGGCCAGAACCAAGGAGACTTAGATGTGGCCAAGCGCATGATCCGCACTGCCAAGGAGTGTGG  
GGCCGACTGCGCTAAGTTTCAGAAGAGTGAGTTGGAGTTCAAGTTAACCAGGAGCCCTGGAGAGACCA  
TATACTTCGAAGCATTTCATGGGGGAAGACTTACGGGGAGCACAAACGACATCTAGAATTCAGCCACGATC  
AGTACAAGGAGCTGCAGAGCTACGCGCAGGAGATTGGCATCTTCTTCACTGCGTCTGGCATGGATGAGAT  
GGCAGTTGAGTTTCTGCATGAACTGAATGTTCCCTTTTTCAAAGTTGGATCTGGAGACACTAACAAATTTT  
CCCTACCTGGAAAAGACAGCCAAGAAAGGTCGTCCTATGGTGATCTCCAGTGGGATGCAGTCCATGGACA  
CCATGAAGCAAGTCTATCAGATCGTGAAGCCCCTGAATCCCAACTTCTGCTTCTCCAGTGCACCAGTGC  
GTACCCACTACAGCCTGAGGATGCCAACCTGCGCGTCATCTCGGAATACCAGAAGCTCTTCTGACATT  
CCCATAGGGTATTCTGGGCACGAGACAGGCATCGCCATATCTGTAGCTGCAGTGGCCCTGGGGCCAAGG  
TGTTGGAACGTCATATACTTTGGACAAGACCTGGAAGGGGAGTGACCACTTAGCCTCACTGGAGCCTGG  
AGAAGTGGCAGAGCTGGTGCCTGTGCGTCTGGTGGAGCGGGCACTGGGCTCCCAGCCAAGCAGCTC  
CTGCCCTGTGAGATGGCCTGCAACGAGAAGCTCGGCAAGTCCGTGGTAGCCAAAGTGAAGTCCCAGCAG  
GCACCATCCTGACCCTGGACATGCTCACTGTGAAGGTGGGGGAACCCAAAGGCTATCCTCCTGAAGACAT  
CTTCAACCTGGTGGGCAAAAAGGTGCTGGTCACTATTGAAGAAGATGACACGGTCATGGAGGAATCCGTG  
GAAAGTCAAAGCAAGAAAATCAAGGCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001106655
Insert Size:	1080 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106655.2</a></u> , <u><a href="#">NP_001100125.2</a></u>
<b>RefSeq Size:</b>	2039 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	298071
<b>Cytogenetics:</b>	5q22