

Product datasheet for **RN202030**

Ntsr1 (NM_001108967) Rat Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ntsr1 (NM_001108967) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ntsr1 |
| Synonyms: | Ntsr |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN202030 representing NM_001108967
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACCTCAACAGCTCCGTGCCGAGGGCACCCCTGGTGAACCCGATGCCAGCCCTTTTCGGGACCAC
 AGTCCGAAATGGAAGCGACGTTCTGGCGCTCAGTTTGAGCAATGGTTCTGGCAATACCTCGGAATCCGA
 CACGGCAGGGCCCAACAGCGACCTGGACGTGAACACTGACATTTATTCCAAGGTGCTGGTACTGTATA
 TACCTGGCACTCTTCGTGGTGGGCACTGTGGGCAACTCCGTGACAGCCTTCACTCTAGCGCGGAAGAAGT
 CACTGCAGAGCCTGCAGAGCACTGTGCATTACCACCTGGGCGCCTGGCACTGTCTGACCTGCTTATCCT
 TCTGCTGGCCATGCCGTGGAGCTATACTCACTTCCATCTGGGTACACCATCCCTGGGCCTTTGGGACGCT
 GGCTGCCGTGGCTACTATTTCTGCGTGATGCCTGCACCTATGCCACAGCCCTCAATGTAGCCAGCCTGA
 GTGTGGAGCGCTACTTGGCCATCTGCCATCCCTTCAAGGCCAAGACCCTCATGTCCCGCAGCCGACCAA
 GAAATTCATCAGTGCCATATGGTAGCTTCGGCGCTGCTGGCTATACCCATGCTTTTACCATGGGCCTG
 CAGAACCAGTGGTGACGGCAGCACCCTGGCGCCTGGTGTGCACACCATTGTGGACACAGCCACTG
 TCAAGGTCGTATCCAGGTTAACACCTTCATGTCTTCTGTTTCCCATGTTGGTCATCTCCATCCTAAA
 CACCGTGATTGCCAACAACTGACAGTCATGGTGACAGGCCGCGGAGCAGGGCCGAGTGTGCACCGTG
 GGCACACACAACGGTTTACGTCACAGCAGTTCACATGACCATCGAGCCGGTGTGTCCAGGCCCTGC
 GCCACGGAGTCTCGTCTTACGTGCTGTGGTATTGCCTTTGTGGTCTGCTGGCTGCCCTACCACGTGCG
 ACGCCTGATGTTCTGCTATATCTCGGATGAACAGTGGACTACGTTCTCTTTCGATTTCTACCACTATTT
 TACATGCTAACCAACGCTCTCTTCTACGTCAGCTCCGCCATCAATCCCATCTCTACAACCTGGTCTCCG
 CCAACTCCGCCAGGTCTTTCTGTCCACGCTGGCCTGCCTTTGTCTGGTGGCGCCACCCGCCAAAGAA
 GAGGCCAACGTTTCTCAGGAAGCCCAACAGCATGTCCAGCAACCATGCCTTTTCCACAGGCCACCCGG
 GAGACCCTGTACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1824_h02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001108967

Insert Size: 1275 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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| 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_001108967.1</u> , <u>NP_001102437.1</u> |
| RefSeq Size: | 3703 bp |
| RefSeq ORF: | 1275 bp |
| Locus ID: | 366274 |
| UniProt ID: | <u>P20789</u> |
| Cytogenetics: | 3q43 |
| Gene Summary: | G-protein coupled neurotensin receptor [RGD, Feb 2006] |