

## Product datasheet for **MC209062**

### **Ntsr1 (NM\_018766) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ntsr1 (NM_018766) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ntsr1
Synonyms:	NT-1R; NTR-1; NTR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018766, the custom clone sequence may differ by one or more nucleotides

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ATGCACCTCAACAGCTCCGTGCAGCAGGGAGCCCCAAGTGAACCCGGTGCCAGCCCTTCCACATCCAC
AGTTCGGACTGGAGACGATGCTCCTGGCGCTCAGCTTGAGCAATGGTTCTGGCAATTCCTCAGAATCCAT
CCTGGAGCCCAACAGCAACCTGGACGTGAACACTGACATTTATTCCAAGGTGCTGGTGACCGCTGTATAC
CTGGCACTTTTTGTGGTGGGCACTGTGGCAACTCGGTGACAGCCTTCACTCTAGCGCGGAAGAAGTCGC
TGCAGAGCCTGCAGAGCACTGTGCATTACCACCTGGGTAGCCTGGCACTGTCTGACCTGCTCATCCTGCT
GCTGGCCATGCCCGTGGAGCTGTACAATTCATCTGGGTGCACCATCCCTGGGCCCTTTGGGGATGCTGGC
TGCCGTGGCTACTATTTCTGCGAGATGCCTGCACCTATGCCACAGCCCTCAATGTAGCCAGCCTGAGTG
TGGAGCGCTACTTGGCCATCTGCCATCCCTTCAAGGCCAAGACCCCTCATGTCCCGCAGCCGACCAAGAA
ATTCATCAGTGCCATATGGCTAGCCTCGGCGCTGCTGGCTGTACCCATGCTTTTACCATGGGCCTGCAG
AACCAGTGGCCATGGCCAGCACCCCTGGTGGCCTGGTGTGCACACCCACGGTGGACACAGCCACCGTCA
AGGTCGTCATCCAGGTTAACACCTTCATGTCTTCTGTTTCCCATGCTGATCATCTCCATCCTAAACAC
TGTGATAGCCAACAACTGACCGTCATGGTGCACCAGGCTGCCGAGCAGGGCCGTGGTGTGTGCACCGTG
GGCACCCACAACAGTTTAGAGCACAGCAGTTCACATGTCCATCGAGCCAGGCCGTGTCAGGCCCTGC
GCCATGGAGTCTCGTCTTACGTGCTGTGGTAATCGCCTTTGTGGTCTGCTGGCTGCCCTACCACGTGGC
GCGCCTCATGTTCTGCTATATCTCAGATGAACAGTGGACTACGTTCTCTCGACTTCTACCACATTTTC
TATATGCTGACCAACGCTCTTCTACGTGAGCTCAGCCATCAATCCCATCCTTTACAACCTCGTCTCCG
CCAACCTCCGCCAGGTCTTCTGTCACACTGGCTTGCCTCTGTCTGGGTGGCGCCGCCGAAAGAA
GAGGCCAACGTTCTCCAGGAAGCCAAACAGCATGTCCAGCAACCATGCGTTTTCCACCAGCGCCACCCGG
GAAACCTGTACTAG
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Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_018766
<b>Insert Size:</b>	1275 bp
<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>	<a href="#">BC138630</a> , <a href="#">AAI38631</a>
<b>RefSeq Size:</b>	2594 bp
<b>RefSeq ORF:</b>	1275 bp
<b>Locus ID:</b>	18216
<b>UniProt ID:</b>	<a href="#">O88319</a>
<b>Cytogenetics:</b>	2 103.04 cM
<b>Gene Summary:</b>	G-protein coupled receptor for the tridecapeptide neurotensin (NTS). Signaling is effected via G proteins that activate a phosphatidylinositol-calcium second messenger system. Signaling leads to the activation of downstream MAP kinases and protects cells against apoptosis. [UniProtKB/Swiss-Prot Function]