

Product datasheet for RN209345

Nnt (NM_001013157) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nnt (NM_001013157) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nnt
Synonyms:	MGC109126
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209345 representing NM_001013157 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACATCTACTGAAAACGGTGGTACTGGCTGTTTATGTCCTTCTGTTAGCAATTTGGGGTCTGTGTA
AGGTTCTACCTGGGAAGAAAGACTTTTTACGAACATTTCTGACCCACCAGGCACTGTGGTGTAAATCCCC
GGCAAAACCAGGAATTCATATAAGCAGTTGACAGTTGGGGTCCCAAGGAGATTTCCAAAATGAGAAG
CGAGTTGCCTTGCTCCTGCTGGTGTCCAGGCCCTGGTCAAGCAGGGTTTTAACGTTGTTGTGGAATCAG
GAGCAGGCGAAGCTTCCAAATCCCAGATGATCTCTACAGAGCAGCAGGGGCCAGATCCAAAGGAACGAA
GGAAGTTCTGGCTTCTGATCTGGTGGTCAAAGTGAGGGCCCCATGGTGAACCCGACGTTAGGTGCTCAT
GAAGCTGACTTTTTAAAGCCCTCAGGAACCTAATTAGCTTCATTTACCCAGCCCAAAATCCAGACTTGC
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GGGCTATGATGCTCTCAGCTCCATGGCCAACATTTCTGGTTATAAGGCTGTTGTTTTAGCAGCCAATCAT
TTTGAAGGTTTTTCACTGGTCAGATCACAGTGCTGAAAAGTCCCCCAGCGAAGATCCTGATAGTTG
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TACAAGAGCTGCCGCTTGAACAGTTCAAATCCCTTGGTGTGAACCTTGGAGGTGGACTTGAAGGAG
TCTGGTGAAGGCCAAGGAGGATACGCGAAGGAGATGTCCAAAGAGTTTATTGAGGCGGAAATGAAGCTCT
TTGCTCAGCAATGCAAGGAAGTGGACATCCTTATCAGCACAGCTCTGATTCCAGGTAAGAAAGCTCCTGT
TCTATTTAGTAAAGAAATGATCGAGTCCATGAAGGAAGTTTCAAGTGTGGATTTAGCTGCTGAGGCC
GGCGGAAACTTTGAAACGACTAAACCGGGAGAACTTTACGTTTATAAGGGAATCACTCATATTGGCTACA
CAGACCTCCCCAGCCGATGGCCACTCAGGCTAGCACTCTGTACTCCAACAACATACCAAGCTCCTGAA
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CACGTCATTCGAGGAACCGTGGTATGAAGGATGGCAATGTGATTTTCCAGCTCCACACCAAAAAATA
TTCCCAAAGAAGCCCCAGCCAAACAGAAGACCGTGGCTGAGCTGGAAGCAGAGAAGGCAGGCACTGTCTC
AATGTACACGAAGACTGAGGACAGCATCCGTGTATTACGACAGGCTCACCCGGGATGCTAGGTTTGGGC
ATCGTGGCCCCAATCTAGCCTTTTCTCAGATGGTGACCACCTTTGGCCTGGCGGCATTATTGGTTACC



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ACACTGTCTGGGAGTGACCCCTGCTCTCCACTCACCCTGATGTCTGTGACCAATGCTATCTCAGGTTT
 GACTGCAGTTGGTGGGCTGGCGTTGATGGGAGGGCATTATCCCTCCACAACCTCCCAGAGTCTTGCT
 GCTCTTGCTACATTACATATCGTCAGTCAACATTGCAGGTGGTTTTCTGGTGACTCAGAGAATGTTGGACA
 TGTTCAAGCGACCCACGGACCCTCCAGAATAACAATTACCTGTATCTGCTCCCTGGCGGCACCTTCGTGGG
 GGGATATTTAGCAGCTCTCTACGGTGGTTAACAATCGAAGAAATCATGTACCTGGGCTCAGGTTTGTGC
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 CGGAGCAATGGCGATGGGCGGCACCATCGGACTGGCGATTGCAAAGCGGATCCAGATCTCCGACCTGCCT
 CAACTGGTTGCTGCTTTCCACAGTTTAGTGGGTCTGGCGCAGTGCTCACATGCATGGCCGAGTACATCG
 TGGAGTATCCACATTTCCGAATGGATGCCACTTCAAATTTACCAAGATTGTGGCCTACATTGGCACTTA
 CATCGGCGGAGTACCTTTAGTGGGTCTCTGGTTGCCTACGGAAAATTACAGGGTATTCTGAAGTCAGCC
 CCTCTGCTGCTCCCTGGAAGGCACGCGCTCAATGCAGGCTTGTGGTCTAGCGTGGGGGAATAATCC
 CATTATGGCTGACCCTAGTTTTACCACAGGCATCATGTGTCTGGGCTCTGTGTCCGCACTCTACTCT
 GATGGGTGTGACCTTGACAGCTGCCATTGGCGGTGCTGACATGCCTGTTGTTATCACTGTGCTAAACAGC
 TACTCCGGCTGGGCTCTGTGTGCGGAGGGCTTCTGCTCAACAACAACCTGTTGACCATTGTGGGAGCAC
 TCATCGGCTCCTCGGCGCCATCTTGTCTGACATCATGTGTGGCAATGAACCGTTCCTGGCAAATGT
 AATTCTCGGAGGCTATGGTACGACTTCAACAGCTGGTGGAAAACCCATGGAAATTTCCGGCACACATACA
 GAAATCAACCTGGACAATGCAGTCGAGATGATCCGGGAAGCTAACAGCATTGTTATTACTCCAGGATATG
 GGCTCTGTGCAGCTAAAGCTCAGTACCCATTGCCGATTTGGTGAAGATGCTTACCGAACAAGGCAAGAA
 AGTCAGGTTTGAATCCACCCAGTTGCGGGCCGAATGCCTGGTCAGCTTAAATGTCTCTGGCCGAGGCA
 GGAGTGCCTATGATATTGTGCTAGAAAATGGATGAGATCAACAGTGATTTCCAGATACCGATCTGGTTC
 TTGTCATTGGAGCTAATGACACCGTGAATTCAGCGGCTCAGGAAGACCCCAATTCTATTATTCAGGCAT
 GCCAGTCTCGAGTCTGGAAGTCCAAACAGTCAATTGTCATGAAGAGGTCCTTGGTGTGGCTACGCT
 GCAGTGGACAATCCAATCTTCTACAAACCTAACACAGCCATGCTTCTGGGGACGCCAAGAAGACATGTG
 ATGCTCTGCAGGCCAAAGTTCGAGAATCCTATCAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013157
- Insert Size:** 3261 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_001013157.1](#), [NP_001013175.1](#)

RefSeq Size: 4149 bp
RefSeq ORF: 3261 bp
Locus ID: 310378
Cytogenetics: 2q15