

## Product datasheet for **RN204228**

### **Ttyh3 (NM\_001107124) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttyh3 (NM_001107124) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttyh3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204228 representing NM\_001107124  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGGGGTCAGCTACGCGGCCCTGGTGGGTGAGCCTCTTGACCCGGCTGCCGCACCTCGACCTGC  
 GGTGGGAGGCCACCAGCAGCCAATTCGGCCCGAGGACGCTGACTACCAGCAGGCGTTGCTGCTGCTGGG  
 GGCCGCTGCCCTGGCTGCCTGGCCCTAGACCTCCTTTTCTGCTCTTCTATTCTTCTGGCTATGCTGC  
 CGGCGGAGGAAAACAGACGAGCACCTGGATGCAGACTGCTGCTGCACCGCCTGGTGCATCATCGCCA  
 CATTGGTCTGCAGTGCGGGCATCGCGTGGGATTCTACGGCAACGGGAGACCAGCGATGGCGTTTACG  
 AGCCACCTACTCACTCCGCCATGCCAACCCGACAGTGGCAGGGGTCCAGGACCGAGTGTGGGACACGGCT  
 GCGGCCCTGAACCGCACAGCGGAGCCAACTCCAGAGCCTGGAGAAGCAGCTGGCTGGGCGACCAGAGC  
 CGCTGAGGGCTGTGCAGCGGCTGCAGACCCTCCTGGGACACTGCTGGGCTATACTGCCCCATCCCCTT  
 TTGGAGGAACCCGGAGTGTGCTGGAGGTGCTAGCTGAACAGGTGGACCTCTACACTGGTACAGGTGG  
 CTGGGGTACCTGGGCCTGCTGTTACTCGATGTCATCATCTGCCTCCTAGTGTGGTGGCCCTCATCCGAA  
 GCTCCAAGGGTATCTTGTTGGGGTCTGCTTGCTGGGTGCTTGCCCTGGTTCATCAGCTGGGGTGCATT  
 GGGCTTGAGCTGGCCGTGTCTGTGGGCTCCAGCGACTTCTGCATAGACCCTGACACCTTTGTGACCAAG  
 ATGGTGGAGGAGTACTCAGTGTGAGTGGGACATTTTGCAATACTACTTGGCTTGTGCGCCCGTGCCA  
 CCAACCCCTTCCAGCAGAAGCTGTCAAGGAGCCACAAGGCTCTCGTGGAAATGCAAGATGTCGTTGCCGA  
 GCTGCTGAAGAAATGTCCCCGGGAGCACCCAGCCACCAAGGATCCCTTGTCCGAGTCCAGGAGGTGCTC  
 AACGGCACGGAGGTGAATCTCCAACATCTACCCGCCCTGGTGGACTGCCGAGCTTGACCTGGACTATG  
 TGCAGGCACTGACGGGCTTCTGCTACGATGGTGTGGAGGGCCTCATCTACCTGGCCCTCTTTTCTTTGT  
 CACAGCCCTCATGTTTCCAGCTCCATCGTCTGCAGCATTCCACACACCTGGCAACAGAAGAGAGGCGCAGAT  
 GAGGATGGGGAAGAGGAGACGGCCCGAGGCGGAGGCGCCATGACAGCCTTTACCGAGTGCACATGC  
 CCAGCCTGTACAGCTGCGGAAGCAGCTACGGCAGTGAAGCCAGCATCCCAGCCGCGCCACACTGTCAG  
 CAATGCCCCGGTACCGAGTACATGAGCCAGAATGCCAATTTCCAGAATCCCCGCTGTGAGAACACCCCC  
 CTCATTGGGCGGAGTCCCCACCGCCCTCATACACCTCCAGCATGAGAGCCAAATACCTCGCAACGAGCC  
 AGCCTCGCCCGACTCCAGCGGCGAGCGGGC**AGTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107124
- Insert Size:** 1575 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\\_001107124.1](#), [NP\\_001100594.1](#)

**RefSeq Size:** 4473 bp

**RefSeq ORF:** 1575 bp

**Locus ID:** 304315

**Cytogenetics:** 12q11