

Product datasheet for **MC217487**

Ttyh3 (NM_175274) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttyh3 (NM_175274) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttyh3
Synonyms:	2900029G13Rik; AI414930; mTTY3; TTY3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217487 representing NM_175274
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGGGTACGTACGCGGCCCTGGTGGGTGAGCCTCCTGCACCGGCTGCCGCACCTCGACCTGC
GGTGGGAGGCCACCAGCAGCCAATTCGGCCCGAGGACCGGACTACCAGCAGGCGTTGCTGCTGCTGGG
GGCCACCGCCCTGGCCTGCCTGGCCCTAGATCTCTCTTCTACTCTTCTATTCTTCTGCTGTGCTGC
CGGAGGAGAAAGACAGACGAGCACCTTGATGCAGACTGCTGCTGCACTGCCTGGTGCCTCATCATACCA
CACTGGTCTGCAGCGGGCATTGCAGTGGGATTCTACGGCAACGGCGAGACCAGCGATGGCATTATCG
AGCCACCTACTCACTACGCCATGCCAACCCGACAGTGGCAGGGGTCCAGGACCGGTGTGGGACACGGCT
GCCGCCCTGAACCGCACAGCGGAGCCAACTGCAGAGCCTGGAGAGGCAGCTGGCTGGGCGCAGGAGC
CACTGAGGGCTGTGCAGCGGCTGCAGACCCTGCTGGGACCCTGCTGGGCTACACCGCTGCCATCCCTT
TTGGAGGAACCCGGAGTATCGCTGGAGGTGCTAGCTGAACAGGTGGACCTCTATGACTGGTACAGTGG
CTGGGGTACCTGGGCCTGCTCTTGCTTGTATGTTATCATCTGCCTCCTGGTGTGGGCTCATCCGAA
GCTCCAAGGGTATCTTGTTGGGGTCTGCTTGCTGGGTGCTTGCCCTGGTGCATCAGCTGGGGTGCCT
CGGCTTGAGCTGGCTGTGTCTGTGGGCTCCAGCGACTTCTGCGTAGACCCTGACACCTTTGTGACCAAG
ATGGTGGAGGAGCACTCAGTACTGAGTGGGACATTTTGAATACTACTTGGCTTGTCAACCCGTGCCA
CCAACCCCTTCCAGCAGAAGCTGTGGGCGAGCCACAAGGCTCTGGTGGAAATGCAAGATGTTGTGCGGA
GCTGCTGAGGAACGTCCCCGGGAGCACCCGCCACCAAGGATCCCTTGTCCGAGTCCAGGAGGTGCTA
AATGGAACGGAAGTGAATCTCCAGCACCTACCCGCCCTGGTGGACTGCCGAGCTTGACCTGGACTACG
TGCAGGCTCTGACAGGCTTCTGCTATGATGGTGTGGAGGCCCTCATCTACCTGGCCCTTCTCTCTTGT
CACAGCCCTCATGTTCCAGCTCCATCGTCTGCAGCATCCACACACCTGGCAGCAGAAGAGAGGTCCAGAT
GACGATGGGAGGAAGAGACTGCGCCAGGGCCGGCAGGCACATGACAGCCTTTACCGAGTGCACATGC
CCAGTTTGTACAGCTGCGGAAGCAGCTATGGCAGCGAAGCCAGCATCCCAGCCGCTGCCACACCCGTGAG
CAATGCCCCAGTACCGAGTACATGAGCCAGAATGCCAATTTCCAGAACCCCGCTGTGAGAACACCCCC
CTCATTGGGCGGAGTCCCCACCGCCCTCATACACCTCCAGCATGAGAGCCAAATACCTCGCCACGAGCC
AGCCTCGCCCGACTCCAGCGGCAGCGGCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175274

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_175274.5](#), [NP_780483.2](#)

RefSeq Size: 4676 bp

RefSeq ORF: 1575 bp

Locus ID: 78339

UniProt ID: [Q6P5F7](#)

Cytogenetics: 5 G2

Gene Summary: Probable large-conductance Ca(2+)-activated chloride channel. May play a role in Ca(2+) signal transduction (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) represents the longer transcript and encodes the longer isoform (2).