

Product datasheet for **SC322039**

TTYH1 (NM_001005367) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTYH1 (NM_001005367) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTYH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322039
 GCCCCGCTGCCCCCTCCCCGGGGGCCATGGGGGCGCCCCGGGCTACCGGCCCTCAGCT
 TGGGTGCATCTCCTCCACCAGCTGCCCCGCGCGACTTCCAGCTCCGCCCGGTGCCACG
 GTTTTCGCGCCCCAAGAGCAGGAATACCAGCAGGCCTTGTGCTGGTGGCGGCCTTGGCG
 GGCCTGGCCTTGGGCTGAGCCTCATTTTCATCGCTGTCTACCTCATCCGCTTCTGCTGC
 TGCCGGCCCCCGAGCCCCCGGGTCCAAGATCCCCTCGCCGGGGAGGCTGCGTCACC
 TGGAGCTGCATTGTCGCCCTTCTCGCCGGCTGCACTGGCATTGGCATCGGTTTCTATGGC
 AACAGTGAGACCAGTGATGGGGTGTCCCAGCTCAGCTCTGCGCTGCTGCACGCCAACAC
 ACACTCAGCACCAATTGACCACCTGGTGTGGAGACGGTGGAGAGGCTGGGCGAGGCGGTG
 AGGACAGAGCTGACCACCCTGGAGGAGGTGCTCGAGCCGCGCACGGAGCTGGTGGCTGCC
 GCCCGAGGGGCTCGACGGCAGGCGGAGGCTGCGGCCAGCAGCTGCAGGGGCTGGCCTTC
 TGGCAGGGAGTGCCCTGAGCCCCCTGCAGGTGGCTGAAAATGTGTCCTTTGTGGAGGAG
 TACAGGTGGCTGGCCTACGTCTCCTGCTGCTCCTGGAGCTGCTGGTCTGCCTCTCACC
 CTCCTGGGCTGGCGAAGCAGAGCAAGTGGCTGGTGTGATCGTGATGACAGTCATGAGTCTC
 CTGTTCTCGTCTGAGCTGGGGCTCCATGGGCCTGGAGGCAGCCACGGCCGTGGGCCTC
 AGTGACTTCTGCTCCAATCCAGACCCTTATGTTCTGAACCTGACCCAGGAGGAGACAGGG
 CTCAGCTCAGACATCCTGAGCTATTATCTCCTCTGCAACCGGGCCGTCTCCAACCCCTTC
 CAACAGAGGCTGACTCTGTCCCAGCGAGCTCTGGCCAACATCCACTCCCAGCTGCTGGGC
 CTGGAGCGAGAAGCTGTGCCTCAGTTCCTTCAGCGCAGAAGCCTCTGCTGTCCTTGGAG
 GAGACTCTGAATGTGACAGAAGGAAATTTCCACCAGTTGGTGGCACTGTACTACTGCCGC
 AGCCTGCACAAGGACTATGGTGCAGCCCTGCGGGGCTGTGCGAAGACGCCCTGGAAGGC
 CTGCTCTTCTGCTACTTCTCCCTGCTGTCTGCAGGAGCGCTGGCCACTGCCCTCTGC
 AGCCTGCCCGAGCCTGGGCCCTTCCCACCCAGGAATCCAAGCGCTTTGTGCACTGGC
 AGTCGTCTATCTGAGCCCTCCTCCCGGCTGGACTGGAGCCTGGCTCCCTCTTCTGTTCC
 TTCCTTGCTGCCGAGGAGACCCCACTAACCCAGCCTGCCTGGGCTCTGACCACTAACA
 CTCTTGCCATGGACAGCCTGCACAGGACCGCCTCCCTGCTCTTGCCACTGTGCTCCCA
 TTTCTGCTCTGGCCTTGGGAGTAGCTGAGGGGGCAGACTAGGGAGTAGGGCTGGCAGGG
 GAGGGGGCAGACAGCCTCGCCTCGACCCTTCATCCCTGGCTGCCGCTCCCATCCTTGGGA
 GGGACTAAGCTGGGGGTGGGGACATGAGTCCCCTGCTGCCCTGCCACATCCCAGTGG
 GCTCTGACCCCTGATCTCAACTCGTGGCACTAACTTGGAAAAGGGTTGATTTAAATAA
 AAGGGAAGACTATTTTACAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001005367

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001005367.1</u> , <u>NP_001005367.1</u>
RefSeq Size:	1999 bp
RefSeq ORF:	1875 bp
Locus ID:	57348
UniProt ID:	<u>Q9H313</u>
Cytogenetics:	19q13.42
Protein Families:	Ion Channels: Other, Transmembrane
Gene Summary:	<p>This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-independent, volume-sensitive large conductance chloride(-) channel. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (2), also known as hTTYH1s, encodes the longest isoform (2).</p>