

Product datasheet for **SC123803**

TUBD1 (BC000258) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TUBD1
Synonyms:	4930550G19Rik; delta-tubulin; OTTMUSP00000001178; TUBD; Tubd; tubulin, delta 1
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for BC000258 edited
TGGACAGTGAGCATGCGTACCATATCTGAAGTTCGTAATTTGAAATTGAACATGCGTAAT
TAATCTTTCTGAATAGGAAAAATATATACACAACAACTCTCCGTTTATGGAACATGC
GCATTTGTTCTCAGTAAGTTTTTCGTTTTGAAAGTGAGCATGCGCATGGTGAGTAGGTTG
GTCCGAAGTTTGAACCGGACAGAAGCGCTGGTCGGCGTCTGGCGGTTGTTTTAGAGGTA
ATACACCTAGTTTGTGGCTCAGCATGTCAATTGTAACAGTGCAACTTGGTCAGTGTGGCA
ATCAGATTGGTTTTGAAGTTTTGATGCTTTGCTTAGTGACTCACACAGTTCAGGAGAC
TCTGCTCTATGAGAGAGAATGAGGCATATCAAGCATCTTGCAAAGAAAGATTCTTCAGTG
AGGAGGAGAATGGAGTTCCAATTGCCCGGGCTGTTCTTGTTGACATGGAACCCAAAGTTA
TCAATCAAATGCTGTCAAAGGCTGCCAGTCTGGCCAAATGGAATATGGTCAACATGCAT
GCTTCTGTCAAAAAACAGGTTCTGGAACAACCTGGGCATATGGTTACTCTGTTTCATGGAC
CCAGGCATGAAGAATCTAATGAACATAATCCGGAAGGAAGTGAGAAATGTGACTCTT
TCAGTGGTTTTTTCATCATAATGAGTATGGCTGGGGGCACAGGATCAGGATTAGGAGCTT
TCGTTACACAGAATTTAGAAGATCAGTACTCAACTCATTGAAAATGAATCAGATTATTT
GGCCTTATGGAAGTGGTGAGGTTATTGTTCAAACTACAACCTCATTGTTGACACTTTCTC
ACTTGTACCGATCTTCAGACGCCCTCCTTCTTCATGAGAATGATGCCATCCATAAGATCT
GTGCAAACTGATGAATATCAAGCAGATCTCCTTTAGTGATATCAATCAAGTCTCGCAC
ATCAGCTGGGAAGTGTGTTCCAGCCTACTTATTCTGCAGAAAGCTCATTCACTACAGAC
GAAATCCACTAGGTATTGATAGGCATGTATGGCCTCCTTATCAGGACTTCCTCCTCTTA
GTAAATGTCTCTCAACAAGGACCTGCATTTTAACTTCCATTGCTAAGTTGGTCATTCT
TTCGTGGGAAAGATGTGCAAGTGCAGATGTGGAGGGATTTAAAGATCCAGCTCTGTATA
CTTCCTGGTTGAAGCCTGTTAATGCTTTCAACGTGTGGAACCCAGCGGGCCTTTAGCA
AATATGAGAAGTCTGCAGTGTGGTCAGCAACAGCCAGTCTTAGTAAAACCACTTGATA
TGATTGTTGGGAAGGCATGGAATATGTTTGCTTCAAAAGCCTACATTTCATCAGTACACAA
AATTTGGAATCGAAGAAGAGGACTTTTTAGACAGTTTCACGTCAATAGAGCAGGTTGTTG
CCAGTACTGTAATCTCTGATCTTGAACAATGGGAAAAGTATACCTTAAGGCATTTCTGG
ACTAAATATTTTCAATACTATTTTCTGTAAAGTTTCAAAGTTCTCCATCCTGGCTA
ACACGGTGAAACACCGTCTCTACCAGAAAATACAAAAAATTAGCCAGGCGCGTGCGCGG
TGCTGTAGTCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATGACGTGAACCCAGGAGGC
GGAGCTTGCAGTGAGCCGAGATCGCGCCACTGCACTCCAGCCTGGGCGACAGAGCGAGAC
TCCGTCTCAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide

Sequence:

>OriGene 5' read for BC000258 unedited
GGGNCGCCCGCGTACTTCGGCACGAGGTGGACAGTGAGCACGCGTACCATATCTGAAG
CCTCGTAAATCTGAAATCTGAACATGCGCTAATCTAATCTTTCTGAATAGGAAAAATAT
ATACACAACAACTCTCCGTTTATGGAACATGCGCATTTGTTCTCAGTAAGTTTTTTCG
TTTTGAAAGTGAGCATGCGCATGGTGAGTAGGTTGGTCCGAAGTTTGAACCGGACAGAAG
CGCTGGTCGGCGTCTGGCGGTTGTTTTAGAGGTAATACACCTAGTTTGTGGCTCAGCAT
GTCAATTGTAACAGTGCAACTTGGTCAGTGTGGCAATCAGATTGGTTTTGAAGTTTTGTA
TGCTTTGCTTAGTGACTCACACAGTTCAGGGGACTCTGCTCTATGAGAGAGAATGAGGC
ATATCAAGCATCTTGCAAAGAAAGATTCTTCAGTGAGGAGGAGAATGGAGTTCCAATTGC
CCGGGCTGTTCTTGTGACATGGAACCCAAAGTTATCAATCAAATGCTGTCAAAGGCTGC
CCAGTCTGGCCAATGGAATATGGTCAACATGCATGCTTCTGTCAAAAAACAGGTTCTGG
AAACAACCTGGGCATATGGTTACTCTGTTTCATGGACCCAGGCATGAAGAATCTATAATGAA
CATAATCCGGAAGGAAGTGAGAAATGTGACTCTTCAGTGGTTTTTTCATCATAATGAG
TATGGCTGGGGCACAGGATCAGGATTAGGAGCTTTCGTTACACAAATTTAGAAGATCAG
TACTCAAACCTATTTGAAATGAATCAGATTATTTGGCCTTATGGAAGTGGTGAAGGTTAT
TGTTCAAACTACACTCCATTTTGA

Restriction Sites:

Please inquire

ACCN:

BC000258

Insert Size:

1770 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC000258.1 , AAH00258.1
RefSeq Size:	1770 bp
Locus ID:	51174
Cytogenetics:	17q23.1
Protein Families:	Druggable Genome
Gene Summary:	Acts as a positive regulator of hedgehog signaling and regulates ciliary function. [UniProtKB/Swiss-Prot Function]