

Product datasheet for SC313540

TUBD1 (NM_016261) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TUBD1 (NM_016261) Human Untagged Clone
Tag:	Tag Free
Symbol:	TUBD1
Synonyms:	TUBD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313540 representing NM_016261. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCAATTGTAACAGTGCAACTTGGTCAGTGTGGCAATCAGATTGGTTTTGAAGTTTTGATGCTTTG
CTTAGTGACTCACACAGTCCCAGGGACTCTGCTCTATGAGAGAGAATGAGGCATATCAAGCATCTTGC
AAAGAAAGATTCTTCAGTGAGGAGGAGAATGGAGTTCCAATTGCCGGGCTGTTCTTGTGACATGGAA
CCCAAAGTTATCAATCAAATGCTGTCAAAGGCTGCCAGTCTGGCCAATGGAAATATGGTCAACATGCA
TGCTTCTGTCAAAAACAAGGTTCTGAAACAACGGGCATATGGTACTCTGTTTCATGGACCCAGGCAT
GAAGAATCTATAATGAACATAATCCGGAAGGAAGTGGAGAAATGTGACTCTTTCAGTGGTTTTTTCATC
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TACTCAAACCTATTGAAAATGAATCAGATTATTTGGCCTTATGGAACCTGGTGAGGTTATTGTTCAAAC
TACAACTCCATTTTGACACTTTCTCACTTGTACCGATCTTCAGACGCCCTCCTTCTTCATGAGAATGAT
GCCATCCATAAGATCTGTGCAAACTGATGAATATCAAGCAGATCTCCTTTAGTGATATCAATCAAGTC
CTCGCACATCAGCTGGGAAGTGTGTTCCAGCCTACTTATCTGCAGAAAGCTCATTTCACTACAGACGA
AATCCACTAGGAGACTTAATGGAGCATTAGTTCCCCATCCTGAATCAAGATGCTGAGTGTTCGTAAC
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TCCTGGTTGAAGCCTGTTAATGCTTTCAACGTGTGAAAACCCAGCGGCCTTTAGCAAATATGAGAAG
TCTGCAGTGTGGTCAGCAACAGCCAGTCTTAGTAAAACCACTTGATATGATTGTTGGGAAGGCATGG
AATATGTTTGCTTCAAAGCCTACATTCATCAGTACACAAAATTTGGAATCGAAGAAGAGGACTTTTTA
GACAGTTTCACGTCATTAGAGCAGGTTGTTGCCAGTACTGTAATCTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016261
Insert Size:	1362 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).
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:	NM_016261.3
RefSeq Size:	2505 bp
RefSeq ORF:	1362 bp
Locus ID:	51174
UniProt ID:	Q9UJT1
Cytogenetics:	17q23.1
Protein Families:	Druggable Genome
MW:	51 kDa
Gene Summary:	Acts as a positive regulator of hedgehog signaling and regulates ciliary function. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and it encodes the longest protein (isoform 1).