

Product datasheet for **SC328653**

TUBAL3 (NM_001171864) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TUBAL3 (NM_001171864) Human Untagged Clone
Tag: Tag Free
Symbol: TUBAL3
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >NCBI ORF sequence for NM_001171864, the custom clone sequence may differ by one or more nucleotides

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ATGGATCAGCTGGAAAATGCAAAAATGGAGCACACAAATGCATCTTTTCGATACCTTCTTC
TGTGAGACAAGAGCTGGGAAGCATGTGCCTAGAGCACTTTCGTGGACTTGGAGCCAAC
GTTATAGATGGGATCCGGACGGGCCAGCACCGTTCACTCTTCCACCCCGAGCAGCTCCTT
AGCGGAAAGGAGGATGCTGCTAACAAATTACGCGCAGGCGCTTACTCTGTGGGGTCCGGAG
GTCATCGACCTTGTGCTGGAGAGGACCCGGAAGCTGGCAGAACAGTGTGGTGGACTTCAG
GGATTTTTGATTTCCGAAGCTTTGGAGGAGGCACTGGTTCAGGGTTTACGTCTCTCTTA
ATGGAGAGGCTCACAGGAGAATATAGCAGAAAGACTAAGTGGAGTTCTCGGTCTACCCA
GCCCCCAGGATCTCCACTGCTGTGGTAGAGCCTTATAACTCTGTCCTCACCACCCACTCC
ACCACAGAGCACACGGACTGTACCTTCATGGTGGACAACGAGGCCGTCTATGATATATGC
CATCGTAAACTCGGTGTTGAATGCCCTCTCATGCCAGCATCAATAGATTGGTGGTTCAG
GTGGTATCTTCCATCACTGCCTCCCTCCGTTTGAAGGGCCCTTGAATGTAGACCTAATT
GAATTCAGACCAACCTGGTACCTTATCCGAGAATACATTTCCCATGACAGCCTTCGCC
CCCATCGTCTCTGCTGACAAAGCCTACCATGAGCAGTTCTCTGTGTCAGACATCACCCT
GCCTGCTTTGAGTCTCAACCAGCTGGTCAAGTGTGATCCTCGGCTTGGGAAGTACATG
GCCTGCTGCCTACTCTATAGAGGGGATGTGGTCCCAAGGAAGTGAATGCAGCAATCGCA
GCCACGAAGTCGAGGCACTCTGTTTCAGTTTGTAGATTGGTGTCCAACCTGGTTTCAAGGTG
GGCATCAACAATCGGCCGCCACGGTATGCCGGTGGGGACCTGGCCAAAGTCCACCGG
TCCATCTGCATGCTGAGCAACACCACGGCGATTGTGGAGGCTGGGCCCGCTGGACCAC
AAGTTTGACCTCATGTACGCAAGAGAGCATTTCTGCACTGGTACCTCAGAGAAGGCATG
GAAGAAGCAGAGTTCTTGGAGGCCAGGGAAGATCTGCCAGCCCTGGAGAGGGACTATGAG
GAAGTGGCGCAAAGTTTCTGA
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Restriction Sites: Please inquire
ACCN: NM_001171864



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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_001171864.1</u> , <u>NP_001165335.1</u>
RefSeq Size:	1695 bp
RefSeq ORF:	1221 bp
Locus ID:	79861
UniProt ID:	<u>A6NHL2</u>
Cytogenetics:	10p15.1
Protein Families:	Druggable Genome
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection
Gene Summary:	<p>Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>