

Product datasheet for **SC126285**

Tubulin (TUBA1B) (BC021564) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tubulin (TUBA1B) (BC021564) Human Untagged Clone
Tag: Tag Free
Symbol: Tubulin
Synonyms: alpha tubulin; K-ALPHA-1; tubulin, alpha, ubiquitous; tubulin, alpha 1b
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC021564 edited
 CTCGACTTTAGCTTGTCTGGGGACGGTAACCGGGACCCGGTGTCTGCTCCTGTCGCCTTC
 GCCTCCTAATCCCTAGCCACTATGCGTGAGTGCACTCCATCCAGTTGGCCAGGCTGGT
 GTCCAGATTGGCAATGCCCTGCTGGGAGCTCTACTGCCTGGAACACGGCATCCAGCCCGAT
 GGCCAGATGCCAAGTGACAAGACCATTGGGGGAGGAGATGACTCCTTCAACACCTTCTTC
 AGTGAGACGGGCCTGGCAAGCAGTGCCTCCGGGCTGTGTTGTAGACTTGAACCCACA
 GTCATTGATGAAGTTCGCACTGGCACCTACCGCCAGCTTCCACCCTGAGCAGCTCATC
 ACAGGCAAGGAAGATGCTGCCAATAACTATGCCCGAGGGCACTACCTAACCTTAACCGC
 CTTATTAGCCAGATTGTGCTCCTCCATCACTGCTTCCCTGAGATTTGATGGAGCCCTGAAT
 GTTGACCTGACAGAATCCAGACCAACCTGGTGCCTACCCCGCATCCACTTCCCTCTG
 GCCACATATGCCCTGTCTCTGCTGAGAAAGCCTACCATGAACAGCTTTCTGTAGCA
 GAGATACCAATGCTTGTCTTGGCCAGCCAACAGATGGTGAAATGTGACCCTCGCCAT
 GGTAAATACATGGCTTGCTGCCTGTTGTACCGTGGTGACGTGGTCCCAAAGATGTCAAT
 GCTGCCATTGCCACCATCAAAACCAAGCGCAGCATCCAGTTTGTGGATTGGTGCCCACT
 GGCTTCAAGGTTGGCATCAACTACCAGCCTCCCACTGTGGTGCCTGGTGGAGACCTGGCC
 AAGGTACAGAGAGCTGTGTGCATGCTGAGCAACACCACAGCCATTGCTGAGGCCTGGGCT
 CGCCTGGACCACAAGTTTACCTGATGTATGCCAAGCGTGCCTTTGTTCACTGGTACGTG
 GGTGAGGGGATGGAGGAAGGCGAGTTTTTCAGAGGCCCGTGAAGATATGGCTGCCCTTGG
 AAGATTATGAGGAGGTTGGTGTGATTCTGTTGAAGGAGAGGGTGAGGAAGAAGGAGAG
 GAATACTAATTATCCATTCCTTTTGGCCCTGCAGCATGTATGCTCCAGAAATTTAGCT
 TCAGCTTAACTGACAGACGTTAAAGCTTTCTGGTTAGATTGTTTTCACTGGTGATCATG
 TCTTTTCCATGTGTACCTGTAATATTTTTCCATCATATCTCAAAGTAAAGTCATTAACAT
 CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC021564 unedited NGCCGTACAGATTTTGTATACGACTCACTATAGGCGGACCGCAATCGGCACGAGGCTCGA CTCTTAGCTTGTGCGGGACGGTAACCGGGACCCGGTGTCTGCTCCTGTGCGCTTCGCCTC CTAATCCCTAGCCACTATGCGTGAGTGCACTCCATCCACGTTGGCCAGGCTGGTGTCCA GATTGGCAATGCCTGCTGGGAGCTCTACTGCCTGGAACACGGCATCCAGCCCGATGGCCA GATGCCAAGTGACAAGACCATTGGGGGAGGAGATGACTCCTTCAACACCTTCTTCAGTGA GACGGGCGCTGGCAAGCACGTGCCCGGGCTGTGTTGTAGACTTGGAACCCACAGTCAT TGATGAAGTTCGCACTGGCACCTACCGCCAGCTCTCCACCCTGAGCAGCTCATCACAGG CAAGGAAGATGCTGCCAATAACTATGCCCGAGGGCACTACACTAACCTTAACCGCCTTAT TAGCCAGATTGTGCTCCTCCATCACTGCTTCCCTGAGATTTGATGGAGCCCTGAATGTTGA CCTGACAGAATCCAGACCAACCTGGTGCCTACCCCGCATCCACTTCCCTCTGGCCAC ATATGCCCTGTCATCTCTGCTGAGAAAGCCTACCATGAACAGCTTTCTGTAGCAGAGAT CACCAATGCTTGTGCTTGGCCAGCCAACCAGATGGTGAATGTGACCCTCGCCATGGTAA ATACATGGCTTGTGCTGTTGTACCGTGGTACGTTGGTCCCAAAGATGTCAATGCTGC CATTGCCACCATCAAAACCAAGCGCAGCATCCAGTTTTGTGGATTGGTGGCCCACTGGC TTNCAGGTGGGCATCAACTACCAGCCTNCCACCTGTGGTGCCTGGTGGAGACCTGGCCA AGGTAC
Restriction Sites:	Please inquire
ACCN:	BC021564
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:	<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:	BC021564.1 , AAH21564.1
RefSeq Size:	1292 bp
Locus ID:	10376
Cytogenetics:	12q13.12
Protein Families:	Druggable Genome
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection
Gene Summary:	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. [UniProtKB/Swiss-Prot Function]