

Product datasheet for **SC123480**

TTC30B (BC033795) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC30B (BC033795) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC30B
Synonyms:	2510042P03Rik; novel tetratricopeptide repeat (TPR) containing protein; OTTMUSP00000016153; Tcc30b; tetratricopeptide repeat domain 30B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC033795 edited
TAACAGCCGTGGTGGTTATGGCTGGCCTGAGCGGCGCGCAGATCCCCGACGGGGAGTTCA
CCGCGGTGCGTGTACCGCCTCATCCGCAATGCACGCTACGCCGAGGCGGTGCAGCTGCTGG
GCGGAGAACTGCAGCGGAGCCCTAGGAGCCGCGCCGGCCTGTGCTGCTAGGCTACTGCT
ACTACCGCCTGCAGGAGTTCGCGCTGGCGGCGGAGTGCTATGAGCAGCTGGGCCAGCTGC
ACCCGGAACCTGGAGCAGTACCGCCTGTACCAGGCCAGGCCCTATACAAGCCTGCCTTT
ATGCGGAGGCCACCCGGGTGCGCTTCTTCTCTGGATAACCCCGCCTACCACAGCCGGG
TCCTCCACCTGCAAGCTGCTATCAAGTACAGCGAGGGCGATCTGCCAGGGTCCAGGAGCC
TGGTAGAGCAGCTGCCGAGTAGGGAAGGGGAGAGGAAAAGTGGGGGCGAGAATGAGACCG
ATGGCCAGATCAACCTGGGTTGTTTGTCTACAAGGAGGGACAGTATGAAGCTGCATGCT
CCAAGTTTTTTGCCGCCCTGCAGGCCTCGGGCTACCAGCCTGACCTTTCTACAACCTGG
CTTTGGCCTATTACAGCAGCCGACAGTATGCTTCAGCACTGAAGCATATCGCTGAGATTA
TTGAGCGTGGCATCCGCCAGCACCTGAGCTAGGTGTGGGCATGACCACTGAGGGCATTG
ATGTTGCGAGTGTGGCAACACCTTAGTCTCCATCAGACTGCTCTGGTGAAGCCTTCA
ACCTTAAGGCAGCTATAGAATACCAACTGAGAACTATGAGGCAGCTCAAGAAGCCCTCA
CTGACATGCCACCCAGGGCAGAGGAAGAGTTGGACCCTGTGACCTACACAACCGAGCAC
TAATGAACATGGATGCCAGGCCTACAGAAGGGTTTGAAGAGCTACAGTTTTTGTCCAAC
AGAATCCCTTTCTCCAGAGACTTTTGGCAACCTGTTGCTGCTCTACTGTAAATATGAGT
ATTTTGACCTGGCAGCAGATGTCCTGGCAGAAAATGCCATTTGATTTATAAGTTCCTCA
CACCTATCTCTATGACTTCTGGACGCTGTGATCACTTGCCAGACAGCTCCTGAAGAGG
CTTTTATTAAGCTTGATGGGCTAGCAGGGATGCTGACTGAGGTCTCCGGAACTTACCA
TACAAGTACAGGAAGCAAGACACAATAGAGATGATGAAGCTATCAAAAAGGCAGTGAATG
AATATGATGAAACCATGGAGAAAATACATTCTGTGTTGATGGCTCAGGCAAAAATCTACT
GGAATCTTGAAAATTATCCAATGGTGGAAAAGATCTCCGCAAATCTGTGGAATTCGTGA
ACGACCATGATGTGTGAAGTTGAATGTGGCTCATGTTCTGTTTCATGCAGGAAAACAAAT
ACAAAAGAAGCCATTGGTTTCTATGAACCCATAGTCAAGAAGCATTATGATAACATCCTGA
ATGTCAGTGCTATTGTAAGTGGCTAATCTCTGTGTTTCTATATTATGACAAGTCAAAATG
AAGAAGCAGAGGAGTTGATGAGGAAGATTGAAAAGGAGGAAGAGCAGCTCTTTATGATG
ACCCAGATAAGAAAATGTACCATCTCTGCATTGTGAATTTGGTGTAGGAACTCTTTATT
GTGCCAAAGGAAATTATGACTTTGGTATTTCTCGAGTTATCAAAAGCTTGGAACTTACA
ACAAAAGCTGGGAACAGACACCTGGTATTATGCCAAAAGATGCTTCCTGTCCTTGTAG
AAAACATGTCAAAACACACAATCATGCTTCGTGATAGTGTATTCAAGAATGTGTCCAGT
TTCTAGAACACTGTGAACCTTCATGGCAGAAACATACCTGCTGTTATTGAACAACCCCTGG
AAGAAGAAAGAATGCATGTTGGAAGAATACAGTACATATGAGTCTAGGCAGTTAAAAG
CTTTGATTTATGAGATTATAGGATGGAATATATAGTAATAGTGTAGTGGCATTATCA
AATGGCTTTGTTATGTAATTTGCATCGCTTTATTTACCTTTGGCATCTTTATATTTGT
TACATGTTGAACCTTTGTACACTTATGCATTATAAAAAAAAAAAGTAGCTAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC033795 unedited NNNNGGTACGAAATTTGTAATACGACTCACTATAGGGCGGCCGCGNATTCAGATCTGGTACCGGTCCGGAATCCCGGGATTAACAGCCGTGGTGGTTATGGCTGGCCTGAGCGGCGCGCAGATCCCCGACGGGGAGTTCACCGCGGTCTGTACCGCCTCATCCGCAATGCACGCTACGCCGAGGCGGTGCAGCTGCTGGGCGGAGAAGTGCAGCGGAGCCCTAGGAGCCGCGCCGGCCGTGTCGCTAGGCTACTGCTACTACCGCCTGCAGGAGTTCGCGCTGGCGCCGAGTGCTATGAGCAGCTGGGCCAGCTGCACCCGGAAGTGGAGCAGTACCGCCTGTACCAGGCCAGGCCATACAAGGCTGCCTTTATGCGGAGGCCACCCGGTTCGCTTCTCTCTGGATAACCCCGCTACCACAGCCGGTCTCCACCTGCAAGCTGTATCAAGTACAGCGAGGGCGATCTGCCAGGTCAGGAGCCTGGTAGAGCAGCTGCCAGTAGGGAAGGGGGAGAGGAAAGTGGGGGCCGAGAATGAGACCGATGGCCAGATCAACCTGGGTTGTTTGCTCTACAAGGAGGGACAGTATGAAGCTGCATGCTCCAAGTTTTTTGCCGCCCTGCNAGCCTCGGGCTACCAGCCTGACCTTCTACACCTGGCTTTGGCCTATTACAGCAGCCGACAGTATGCTTCAGCACGTAAGCATATCGTGAGATTATTGAGCGTGGCATCCGCCAGCACCTGAGCTGGGTGTGGCATGACCACTGAGGGCATTGATGTTTCGAGTGTGGCACACCTTAGTCCTCATCAACTGCTCTGGTGGAGCCCTTCAACCTTAGGCAGCTATAGATACAAGTAAAAACATGAGGCAGCTCAAGAACCCT
Restriction Sites:	Please inquire
ACCN:	BC033795
Insert Size:	2211 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:	<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:	BC033795.1 , AAH33795.1
RefSeq Size:	2211 bp
Locus ID:	150737
Cytogenetics:	2q31.2
Gene Summary:	Required for polyglutamylation of axonemal tubulin. Plays a role in anterograde intraflagellar transport (IFT), the process by which cilia precursors are transported from the base of the cilium to the site of their incorporation at the tip.[UniProtKB/Swiss-Prot Function]