

Product datasheet for **SC321757**

TTC30B (NM_152517) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC30B (NM_152517) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC30B
Synonyms:	fleer; IFT70; IFT70B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152517.2
 TAACAGCCGTGGTGGTTATGGCTGGCCTGAGCGGCGCGCAGATCCCCGACGGGGAGTTCA
 CCGCGGTGCGTGTACCGCCTCATCCGCAATGCACGCTACGCCGAGGCGGTGCAGCTGCTGG
 GCGGAGAACTGCAGCGGAGCCCTAGGAGCCGCGCCGGCCTGTGCTGCTAGGCTACTGCT
 ACTACCGCCTGCAGGAGTTCGCGCTGGCGGCGGAGTGTATGAGCAGCTGGGCCAGCTGC
 ACCCGGAACTGGAGCAGTACCGCCTGTACCAGGCCAGGCCCTATACAAGCCTGCCTTT
 ATGCGGAGGCCACCCGGGTGCGCTTCTTCTCTGGATAACCCCGCCTACCACAGCCGGG
 TCCTCCACCTGCAAGCTGCTATCAAGTACAGCGAGGGCGATCTGCCAGGGTCCAGGAGCC
 TGGTAGAGCAGCTGCCGAGTAGGGAAGGGGAGAGGAAAAGTGGGGGCGAGAATGAGACCG
 ATGGCCAGATCAACCTGGGTTGTTTGTCTACAAGGAGGGACAGTATGAAGCTGCATGCT
 CCAAGTTTTTTGCCGCCCTGCAGGCCTCGGGCTACCAGCCTGACCTTTCTACAACCTGG
 CTTTGGCCTATTACAGCAGCCGACAGTATGCTTCAGCACTGAAGCATATCGCTGAGATTA
 TTGAGCGTGGCATCCGCCAGCACCTGAGCTAGGTGTGGGCATGACCACTGAGGGCATTG
 ATGTTGCGAGTGTGGCAACACCTTAGTCTCCATCAGACTGCTCTGGTGAAGCCTTCA
 ACCTTAAGGCAGCTATAGAATACCAACTGAGAACTATGAGGCAGCTCAAGAAGCCCTCA
 CTGACATGCCACCCAGGGCAGAGGAAGAGTTGGACCCTGTGACCTACACAACCGAGCAC
 TAATGAACATGGATGCCAGGCCTACAGAAGGGTTTGAAGAGCTACAGTTTTTGTCCAAC
 AGAATCCCTTTCTCCAGAGACTTTTGGCAACCTGTTGCTGCTCTACTGTAATATGAGT
 ATTTTGACCTGGCAGCAGATGTCCTGGCAGAAAATGCCATTTGATTTATAAGTTCCTCA
 CACCCTATCTCTATGACTTCTTGGACGCTGTGATCACTTGCCAGACAGCTCCTGAAGAGG
 CTTTCAATTAAGCTTATGGGCTAGCAGGGATGCTGACTGAGGTCTCCGGAACTTACCA
 TACAAGTACAGGAAGCAAGACACAATAGAGATGATGAAGCTATCAAAAAGGCAGTGAATG
 AATATGATGAAACCATGGAGAAAATACATTCCTGTGTTGATGGCTCAGGCAAAAATCTACT
 GGAATCTTGAAAATTATCCAATGGTGGAAAAGATCTCCGAAAATCTGTGGAATTTCTGTA
 ACGACCATGATGTGGAAGTTGAATGTGGCTCATGTTCTGTTTCATGCAGGAAAACAAAAT
 ACAAAGAAGCCATTGGTTTCTATGAACCCATAGTCAAGAAGCATTATGATAACATCCTGA
 ATGTCAGTGCTATTGTAAGTGGCTAATCTCTGTGTTTCTATATTATGACAAGTCAAAATG
 AAGAAGCAGAGGAGTTGATGAGGAAGATTGAAAAGGAGGAAGAGCAGCTCTTTATGATG
 ACCCAGATAAGAAAATGTACCATCTCTGCATTGTGAATTTGGTATAGGAACTCTTTATT
 GTGCCAAAGGAAATTATGACTTTGGTATTTCTCGAGTTATCAAAAGCTTGAACCTTACA
 AAAAAAGCTGGGAACAGACACCTGGTATTATGCCAAAAGATGCTTCCTGTCCTTGTAG
 AAAACATGTCAAAACACACAATCATGCTTCGTGATAGTGTATTCAAGAATGTGTCCAGT
 TTCTAGAACAACCTGTGAACCTTCATGGCAGAAACATACCTGCTGTTATTGAACAACCCTGG
 AAGAAGAAAGAATGCATGTTGGAAAGAATACAGTACATATGAGTCTAGGCAGTAAAAG
 CTTTGATTTATGAGATTATAGGATGGAATATATAGTAATAGTGTAGTGGCATTATCA
 AATGGCTTTGTTATGAAATTTGCATCGCTTTATTTACCTTTGGCATCTTTATATTTGT
 TACATGTTGAACCTTTGTACACTTATGCATTATAAAAAAAAAAAGTAGCTAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG

Restriction Sites: Please inquire

ACCN: NM_152517

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_152517.2</u> , <u>NP_689730.2</u>
RefSeq Size:	2652 bp
RefSeq ORF:	1998 bp
Locus ID:	150737
UniProt ID:	<u>Q8N4P2</u>
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]