

Product datasheet for **SC306428**

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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC306428 representing NM_152517.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCTGGCCTGAGCGGGCGGCAGATCCCCGACGGGGAGTTCCACCGGGTGTGTACCCGCTCATCCGC
AATGCACGCTACGCCGAGGCGGTGCAGCTGCTGGGCGGAGAAGTGCAGCGGAGCCCTAGGAGCCGCGCC
GGCCTGTGCTGCTAGGCTACTGCTACTACCGCCTGCAGGAGTTCGCGCTGGCGCCGAGTGTATGAG
CAGCTGGGCCAGCTGCACCCGGAAGTGGAGCAGTACCGCCTGTACCAGGCCAGGCCCTGTACAAGGCC
TGCTTTATGCGGAGGCCACCCGGTTCGCTTCTCTCTGATAACCCCGCCTACCACAGCCGGGTC
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CTGCCGAGTAGGGAAGGGGAGAGGAAAGTGGGGCGAGAATGAGACCGATGGCCAGATCAACCTGGGT
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CTGAAGCATATCGCTGAGATTATTGAGCGTGGCATCCGCCAGCACCTGAGCTAGGTGTGGGCATGACC
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CATGGCAGAAACATACCTGCTGTTATTGAACAACCCCTGGAAAGAAGAAATGCATGTTGGAAAGAAAT
ACAGTCACATATGAGTCTAGGCAGTTAAAAGCTTTGATTTATGAGATTATAGGATGGAATATATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTATCTCAGAAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_152517

Insert Size: 1998 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_152517.2
RefSeq Size:	2652 bp
RefSeq ORF:	1998 bp
Locus ID:	150737
UniProt ID:	Q8N4P2
Cytogenetics:	2q31.2
MW:	76.1 kDa
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]