

Product datasheet for **SC210280**

TTC21B (NM_024753) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	TTC21B
Synonyms:	ATD4; FAP60; FLA17; IFT139; IFT139B; JBTS11; Nbla10696; NPHP12; SRTD4; THM1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024753
Insert Size:	1423 bp



Insert Sequence:

>SC210280 3'UTR clone of NM_024753

The sequence shown below is from the reference sequence of NM_024753. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GATAAGGCCCGTGCCTTTAAGACCTGAAAAATAATTTAACTTAGGTGTTGTTTAAACAGGAAATGA
AAGAAATCTAACTTTCAGTTCTTCTGTTCAAAACAGGTTTGGAGCTCAGTGCTTGTATTAGAAGTAT
ACCCTTTTTCTCCAGCAGAGGTTGCTGCTGTACATCAAGAGAAGTACTATGTGAAATTGGTGTTCCT
AATGGAGTTGAATGAGAGCTGGTCTATTTGACTCTGTTTGGATTGGGTACAGATTGGTGACTCTGTGG
TAAAGACTATAATTATTTCTATAAAGAATATTTTGTAAATCTAGGTAATTAATACCCTGTATCTTT
TCTAAGGAATATTATTTAGGAAATATATTTAAATGCATTGTTCTCTTTAAAGTGTTTTGTATAT
TCTTTTATTTATTTATTTTAAAGACAGAGCCTTGATCTGCCGCCAGGCTGGAGTGCAGTGGCA
CGATCTTGGCTCACTGCAACCTCCGCTCCTGGGTTTACGCGATTCTCTGCTTCAGCCTCCCGAGTAG
CTGGGACTAAAGGCATGTGCCATCACACCCGGCTAATTTTTGTATTTTAGTAGAGATGGGATTTCAC
CGTGTTAGCCAGGAGGGCTTGATCTCTTGACCTTGATCCACCTGCCTCGGCCTCCCAAAGTGTCTG
GATTACAGGCATGAGCCACCGCACCAGCCTGTTTTGTGTATTCTGTGTGTTTCAAAATTTGGAAT
AAATCTCCCTGTAATAACTCATGAAAAAGACAATATATATTTTAAATATATTTTAAATAAGGTT
TTATAAATAGATGATTTATTTCTCTTGGAAGTCAAAAGATGTGGTAAGTTTGCAAATCAGGGTAAG
CTCCCCCTGCATTCTGTAATGTTAATGGGTGGTGTATAGTACAGAAAATGTAACCTTCATTGAAAAAT
CTTTTTTAGAAAAGGTAGAGTGTGTGTTCCCTTCTCTTCTTGAGCTCATTCTCTGCTTTCAAGG
CCATTGTGGTCTTAAGAAATAATCAGGCTCTGAAACCTCAATTTAAATAGGTCCTTATTAGGGATATT
TAACCTTAGCCTAGAAGACTTGGTCTGCAGGTATAATTTAGACACTGTAACTTTGATGGTAAAGGGT
GACCAAATACTTTTGGTCAGCAGGGAGTCACAAAGCACACCATGTGAAGGCAACGGTTTACCCAGCTCT
GTTTAAACAGCACCTGGCATAGAAGCTTCACTCTCTTACACTAAATTTAACCTAATCTAACTTAATC
CTTAGCATTATTTTAAATTTCTCATCTACATCTTTTCAATTTTCTTAAATTTGTAGTAAACACAGTC
CTCAATTTTATTTGCATTACATAAACAGTATTTATAAGTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTCTATGAAAGG
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_024753.5

Summary:

This gene encodes a member of TTC21 family, containing several tetratricopeptide repeat (TPR) domains. This protein is localized to the cilium axoneme, and may play a role in retrograde intraflagellar transport in cilia. Mutations in this gene are associated with various ciliopathies, nephronophthisis 12, and asphyxiating thoracic dystrophy 4. [provided by RefSeq, Oct 2011]

Locus ID: 79809

MW: 54.9