

Product datasheet for **SC125412**

TTC17 (NM_018259) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC17 (NM_018259) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC17
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018259, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGGCAGTAGGGGTTCTGTGGCCGGTACGAGCTGCCGCCTTGCTCCGGCCCAGGCTGGCTCCTCA
GCCTTTCCGCCTTGCTGAGTGTGGCGGCACGAGGGGCCTTCGCCACCACGCACTGGGTCGTACGGGAGGA
CGGGAAAATCCAGCAGCAGGTGGATTACCAATGAACTGAAGCATCCTCATGACCTAGTCATATTAATG
AGACAAGAAGCAACAGTTAACTACCTCAAAGAATTAGAGAACAATTAGTTGCTCAAAAAATTCACATAG
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CAAGTGCCCTTAGGGGACCTGGATCTATATGATGGCACATACATAACTTTGGAGAGCAAAAGACATCAGT
CCTGAAGATTATAGACACAGAACTCCTGTCCCTCCAGACCCAGCAACCTGATTGTAATAAAATTC
TAGAACTTCCATATAGTATACATGCTTTTCAGCACTTGAGAGGTGTACAGGAGAGAGTAACTCTTTCTGC
ACCTCTGTACCTAAAGAAGACCAATCTTCACATATTTATCTAAACGGTTAGGAAGGAGTATAGATGAC
ATAGGTCACCTCATTGATGAAGGCTACAGAAGAACAACCTCCTCGTGGTACTGTATAACATGGCTTCAT
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GCTGCTGCTGGTCCATGCAGCTCTGGATGACAGTGACTTCTTACCAGCTATTACACTTTGGGGAATA
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TATCAATGATTCGGTCAAGTCTTCTCCCGTAGCCATTCTATTCTCTGGATTGGGGCAGGGACTCTGAT
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CTGTTGGTGGGGAATTGCCAACGTATTTCTGCCTCCGGAAAACAAAGGACTCAGGATCCACGAACTCAG
CAGTGATGATTATTCTACAGAAGAAGAGGCCCAAACCCCTGACTGTTCCATAACTGACTTCAAGAAAAGC
CACACTCTGCCTACTTAGTCAAAGAATTAGAGGTTCCGATGGATCTGAAAGCCAAAATGCCAGATGACC
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ATGCACGAAAAATTTTGCTTTCCCGTATTAATAACTATACTATCCCAGAAGAAGAAATTGGGTCTTTCTT
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 GCAGTAGGAAATAGCACTTTTGTATTGCTGTCTTCAGAGGGCTTTGAATTTAGCTCCACTTCAATACC
 AAGATGTTCTCTTGTCAACTTGGCCAACCTTTTGATTTCATTACGGCCTTCATCTTGATGCCACTAAGCT
 GCTACTTCAAGCTTTGGCCATCAATAGCTCTGAGCCTTGACCTTTTGGCCTGGGAAATGCTTACCTT
 GCTCTGAAGAATATCAGTGGGGCACTTGAGGCCTTTAGACAGGCCTTGAAATTAACCACCAATGTCCAG
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 ACAGAGGTATTACAAAATCTCGGCAAAGACCAATATCCACAACAGTGCCTTGAACAGATTGGCACCCGAA
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 GAAAGGCCAAGGAAAGAGGCAATCGACTGCCTCCGCCAGGCTCTGCACTATGCGCCACACCAGATGAAG
 GATGTGCCCTGATTAGCCTGGCCAACATCTTGCACAATGCCAAGCTCTGGAATGACGCCGTCATAGTAG
 CCACCATGGCAGTAGAGATCGCACCACACTTTGCTGTGAACCCTTCACTCTGGCAATGTCTACGTGGC
 AATGGAAGAATTTGAAAAAGCACTGGTGTGGTATGAATCCACATTGAAGCTTCAGCCGAGTTTGTCCCA
 GCCAAGAACCGAATCCAGACCATCCAGTGTCACTTAATGCTGAAGAAGGGACGGCCCTCTCCTTAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018259 unedited
 TTGTATACGACTACTATAGGCGGCCGCAATTCGCACGAGGGCAAGATGGCGGCGGCAG
 TAGGGGTTTCGTGGCCGGTACGAGCTGCCGCTTGTCCGGCCAGGCTGGCTCCTCAGCC
 TTTCCGCTTGTGAGTGTGGCGCACGAGGGCCTTCGCCACCACGCACTGGGTCTGCA
 CGGAGGACGGGAAAATCCAGCAGCAGGTGGATTACCAATGAACCTTGAAGCATCCTCATG
 ACCTAGTCATATTAATGAGACAAGAAGCAACAGTTAACTACCTCAAAGAATTAGAGAAAAC
 AATTAGTTGCTCAAAAAATTCACATAGAAGAGAATGAGGACAGAGACACAGGACTGGAAC
 AGAGACATAATAAAGAAGACCCAGACTGCATCAAAGCCAAGGTGCCCTTAGGGGACCTGG
 ATCTATATGATGGCACATACATAACTTTGGAGAGCAAAGACATCAGTCTGAAGATTATA
 TAGACACAGAATCTCCTGTCCCTCCAGACCCAGAGCAACCTGATTGTAATAAAATCTAG
 AACTTCCATATAGTATACATGCTTTTCAGCACTTGAGAGGTGTACAGGAGAGAGTTAATC
 TTTCTGCACCTCTGCTACCTAAAGAAGACCCAATCTTACATATTTATCTAAACGGTTAG
 GAAGGAGTATAGATGACATAGGTACCTCATTGATGAAGCCTACAGAAGAACAATTCCT
 CGTGGGTACTGTATAACATGGCTTCATTTTACTGGAGAATTAAGAATGAGCCATATCANG
 TAGTAGAATGTGCCATGCGAGCACTTCACTTCTTCCAGGCACAATANAGACATTGCC
 TGGTCAACCTGGCAAACGTNCTACACAC

3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018259 unedited TTCCGGGCCAGGAGAGGCACTGGGGAGGGGTCACAGGGATGCCACCCGGGATCTGTTCAG GAAACAGCTATGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTGGCCAAAAACAATTTTATTTTTTTTCTCAGTATGTGCC CTTGAAGATTCAAAATGTTGGAGTTTCTGATTCTCCTGGGATCAAAGGTAAGCATTG TATGGAAACACTCAACCTTGGCTATTACCCTCCTGAGGAGCTAAATCTGGAGGCCTCAA AGAGAGGGAGCTGACATTCACTTATTCCAAGATGGGTAACACAGTGAACAAAGAATT AGTAAAACATAGACTCAGTCTGTAGAGGGCTTCAAATATACATATTCTATATATAAAG CTGTTATATAGGATTTCAACTTATTGGTTTCTTGGGATTTGTGATTAAGTACAATAA TAAAGATTTGCACACTGGTGATTTCCCTTTTTAGCCCCCTCCCTCCCAACATAAAT AACATTACAAAGGTCAGGTGATCCTAAGAATTTTTGTTGGTGAAATATTTTGTTTTTAA AATCATATTTCCCTTCTCCCTGCGAACTACCTCTGAGAGTTTGAACACAACACCTG GAATGGACAAGACTGGGGACAGCATGGAGGTCTAACCGAGAGAGCGCAGAACGTTGCTTC TCACTGGCCGGCACCACATGGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018259
Insert Size:	4700 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:	<u>NM_018259.3</u> , <u>NP_060729.2</u>
RefSeq Size:	3524 bp
RefSeq ORF:	3426 bp
Locus ID:	55761
UniProt ID:	<u>Q96AE7</u>
Cytogenetics:	11p12-p11.2
Domains:	TPR
Protein Families:	Protease

Gene Summary: Plays a role in primary ciliogenesis by modulating actin polymerization.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).