

Product datasheet for **SC102088**

TTC17 (AK026217) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC17 (AK026217) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC17
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for AK026217, the custom clone sequence may differ by one or more nucleotides

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GAGTTTTAAACACAGCTCTACCTCTTACTAGCTTTGTGAATTTGGGCACCTTATTGAACTTCAATGAGCT
CATCTAGAGTCATGCATTCTATGGCTGTCACAAAGATGGGTCCTTTCTGTTTCTTCTGTGTCTGCTACAG
AACCCAATATGGCATGATACAGGTAACAGTTGCTCAAGTTAGACATTTAAAGGGAATGATATTTGTGATG
ATAGCAATCTTGCTACTTGTCCATCCATCATTTTGTACTCTATACTGTTAGGCAATAGGGAAGGGCTGA
GGCTCTACCTCTGGGAGTCAGAACTTCCGAAAAGGGCAAGAGAATAAACACTTGGACTCTGGAGGC
CAGACAGCCTCTGGTGCACCTACTTAATTCTAGCATTGTAGTATGAAAACAGCCACAGAAATACGTAGAG
GACTGGGAATGATTGTGTCTAATAAAACTTTTTTCAAAATAGGCAGGAGACTAGGTTTGGCCTATGGGC
CAAAGTTTGCCAACCCGTAATGATATAATGGTTCTTGCAAAAATTATTTGGCTTCTGACAGCATGACT
CTAAGTGTGGTCTGTGGACAGTACACAGACTTTTTATTAGCAGTCTGCAATGAGACAAGGAGCTTACCA
GAAGAAACCAACTACATTATTCAGCAGATTGTTACTTCAGCTGACATTTTGTGTGTTGTTTTCGAAG
CAAGACTTCGCCAATGAAAGAAGTAATTGATTTATATTCTGGTACAAGCACCTTATCTATCACAGACCAG
TAGCAAACAGCACAAAAGCACTTTGAGTGGCACTGTTCTAATCATTACCAGGAAACACAGACTGTATTC
TTTATGATCACCAAAAACAAGAATGAAAGCTCAAACCAATTTCCCTTCTCACCATTCTCCTTCTTCT
CCCAGGATGTGCCCTGATTAGCCTGGCCAACATCTTGACAATGCCAAGCTCTGGAATGACGCCGTCAT
AGTAGCCACCATGGCAGTAGAGATCGCACCACACTTTGCTGTGAACCACTTCACTCTGGGCAATGTCTAC
GTGGCAATGGAAGAATTTGAAAAGCACTGGTGTGGTATGAATCCACATTGAAGCTTCAGCCCGAGTTTG
TCCCAGCCAAGAACCGAATCCAGACCATCCAGTGTCACTTAATGTCTGAAGAAGGGACGGCGCTCTCCTTA
GTGCACTTCTTCTTCTCTTTCTTCTTACTCATGCTCTAAAAAAGAAATAAGAAAAGAAACCAATC
ATTGTCAGTATCTACTATTAATGATGTGTGAAAATAACTAAGACTTATAACAGGACTTTTACATATGT
GGGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK026217 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTTAATTATAGCATTGT AGTATTA AAAACAGCCACTGAAATACTTACAGGACTGGGAATGATTGTGCCTAATAAAAAC TTTTTCTAAAATAGGCAGGAGACTATGTTTGGCCTATGGGCCAAAGTTTGCCAACCCGTA ATGATATAATGGTGTCTTGACATAAAATTATTTGGCTTCTGACAGCATGACTCTAAGTG TGGTCTGTGGACAGTACACAGACTTTTTATTAGCAGTCTGCAATGAGACAAGGAGCTTCA CCAAAAGAAACCAACTACATTATTCAGCAGATTGTTTACTTCAGCTGACATTTTGTGTG TTTGTTTTCGAAGCAAGACTTCGCCAATGAAAGAAGTAATTGATTATATTCTGGTACAA GCACCTTATCTATCACAGACCAGTAGCAAACAGCACAAAAGCACTTTGAGTGGCACTGTT CTAATCATTACACAGGAAACACAGACTGTATTCTTTATGATCACCANAAACAAGAATGAA AGCTCAAACCCAATTTTCCCTTCTCACCATTCTCCTTCTTCTCCAGATGTGCCCTGA TTAGCCTGGCCAACATCTTGACAATGCCAAGCTCTGGAATGACGCCGCATAGTAGCCA CCATGGCAGTAGAGATCGCACCACACTTGTCTGTGAACCACTTCACTCTGGGCAATGTCT ACGTGGCAATGGTGAGAGGGGGTGTGACCATATGTACCACCTTGGCCAACCATAGCCCA TTTTTGATTTCAAACCTTTTGAATAGGCCTTGCCCCCAATTCCTGTAGCCTGGCTAA ATGGCTGCTCCACCATGGTTTTTTTAGGATAAGGGTTCGGAAGGTTTTTAAACACAAACA GAAATCTTTTAGGTTTGGCCCTCCGCTC
Restriction Sites:	NotI-NotI
ACCN:	AK026217
Insert Size:	4000 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:	AK026217.1
RefSeq Size:	1358 bp
RefSeq ORF:	1358 bp
Locus ID:	55761
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]