

## Product datasheet for **SC106073**

### TFIISH (TCEA3) (BC019675) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TFIISH (TCEA3) (BC019675) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFIISH
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC019675, the custom clone sequence may differ by one or more nucleotides

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GATGGAGCAAGGTTACAGGTTGACTCAATAGGTAGTCACAGTTCTTGGCATTGGAATATTATTTGCAC
ATTTCACTTTGGAAACACAGTAGACTCTATCGAGGCCAGGCTTGGTCACTTCCTCCCATCAGTTCTGTG
TTGAGTTGCCATCTCTCAAGATGGTAAATTGTTTCCTGCTCGCTTTATCCTCTCTGGTTCTTACTTT
TAGGACCCTTTTTTCAGTAAGTAATTTGTTTATTAGCCAGGACCAAGACTAAGTTATTTACATGTCAT
TGTAATGCAATGTAATGAGAGTTCTGATAAAATATTTTTGTATTTGTAATATCAAAGGAATTTCTAT
ATCGTAGGACTCAGTGGGACTTGCATGCACATCCACCATTGTCTCTGAGTAGTATTGAAATGTGGCCCG
GCACCACCACTGACCTCTCCAGTGCAGCAAATGCAAGAAGAAGAACTGCACCTATAACCAGGTGCAGAC
ACGCAGTCTGATGAGCCATGACTACCTTTGTCTTATGCAATGAATGTGGCAATCGCTGGAAGTTCTGC
TGATGGAACAGCCAGCCATGAACAAGGTGAGGAAGAAGAAAGAGGAAAGCGCTGAATTATCTGAACTGGAG
AAGCAATAAAAATTAAGTGAAGGAAAATACTGAAAAAAAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC019675 unedited TTGCAAATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGGAAAAAAG GGAAAATGCTGTAGTAGATGGAGGCAAGGTTACAGGTTGACTCAATAGGTAGTCACAGT TCTTGGCATGTTGAATATTATTTGCACATTTCACTTTGGAAACACAGTAGACTCTATCGA GGCCAGGCTTGGTCACTTCTCCCATCAGTTCTGTGTTGAGTTGCCATCTCTCAAGATG GTAAATTTGTTCTGCTCGCTTTTATCCTCTCTGGTCTCTTACTTTTAGGACCCTTTTT TCAGTAAGTAATTTGTTTATTAGCCAGGACCCAAGACTAAGTTATTTACATGTCCATTGT AAATGCAATGTAATGAGAGTTCTGATAAAATATTTTTGTATTTGTAATATCAAAGGAA TTTCTATATCGTAGGACTCAGTGGGGACTTGCATGCACATCCACCATTGTCTCTGAGTA GTATTGAAATGTGGCCCGGTACCACCTTNTTTTTTTTTTTTTTTTTTCTATACAAATTTG TTACATGTCAGTGAGACCTTTTTCAAAGGAACATATTCAATTTGGCTTTTTGTGGCTGAA AAAAATAACTGTTAAACCCAAACATTTATGCTCCGTCCTCTTAGGAACCTCCTTAATCT GTCCACCCAGTAGAATTTTTCTACAAGTGGTAGTAATTTTTTTAAATGAAATGTAA TTTTGCCATTAATAAACAACCGGTGAGTAAATCTGTGAAAAGCCCTCCTGCTGGAATG TTGAAGTACTTATGGTGAAGTATCCCTGGGAAAGTAAATGACTGGGAGTGGTGCATGGG GGATGTCACCTGACCTGGTTTGAATGGCATTAGTTCTGNGCCTATGTTTCTGAATGGT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC019675
<b>Insert Size:</b>	4700 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">BC019675.1</a></u>
<b>RefSeq Size:</b>	681 bp
<b>RefSeq ORF:</b>	681 bp
<b>Locus ID:</b>	6920
<b>Cytogenetics:</b>	1p36.12
<b>Protein Families:</b>	Transcription Factors

**Gene Summary:**

Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.[UniProtKB/Swiss-Prot Function]