

## Product datasheet for **SC320353**

### TFIIS (TCEA2) (NM\_198723) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TFIIS (TCEA2) (NM_198723) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFIIS
Synonyms:	TFIIS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_198723.1  
GTCGGCTGCGGCGGTGTGGAGGTGGCGACGGCCGGGGCCGGGGTCTGCCCGGCTGCG  
GAGGCGGGCGCGACGGGCGGGGGTCTGCTCCTGAGGCGATGATGGCAAGGAAGAG  
GAGATTGCGCGGATCGCCCGGAGGCTGGACAAGATGGTGACCAAGAAGAGCGCGGAGGGA  
GCCATGGATTTGCTGCGGGAGCTGAAGGCCATGCCTATCACGCTGCACCTGCTCCAGTCC  
ACCCGAGTCGGGATGTCTGTCAACGCCCTTCGGAAGCAGAGCTCGGATGAGGAGGTCAAT  
GCACTGGCCAAGTCTCTCATCAAGTCTGGAAGAAGCTCCTGGATGCTTCCGATGCCAAA  
GCCAGGGAGCGGGGAGGGGCATGCCTCTGCCACGTCTCGAGGGATGCCTCAGAGGCC  
CCGGATCCAGCCGAAGAGGCCGGAGCTGCCAGGGCACCGTCGACTCCGAGGATCACC  
ACATTTCTCCGGTGCCTGTACCTGTGATGCCGTGCGCAACAAGTGCCGCGAGATGCTG  
ACCGCTGCCCTGCAGACGGACCATGACCACGTGGCCATCGGTGCGGACTGCGAGCGCCTG  
TCGGCTCAGATCGAGGAATGCATCTTCCGGGACGTTGAAACACAGACATGAAGTATAAG  
AACCGGTACGGAGTCGTATCTCCAACCTGAAGGATGCCAAGAACCCTGACCTGCGGCGG  
AATGTGCTGTGTGGGCCATAACACCCAGCAGATCGCTGTGATGACCTCAGAGGAGATG  
GCCAGTGTGAGCTGAAGGAGATCCGTAAGGCCATGACCAAGGAGGCCATCCGAGAGCAC  
CAGATGGCCCGCACTGGCGGCACGCAGACAGACCTGTTCACTGCGGCAAGTGCAGGAAA  
AAGAAGTGCACCTACACACAGGTGCAGACCCGACGCTCTGATGAGCCCATGACCACCTTT  
GTTGTCTGCAACGAGTGTGAAACCGCTGGAAGTTCTGCTGACCCCTCGTGTAGATGTGC  
TGCAGCCTTGGGCCCTCCCGGCCACGTCCTCCGTTGACACAGCTTCTCTGGAGACCCT  
AGAAGGCGCATGTCTGCCCTCAACCTGCCTGCCTGGATTGCACCTTTCTGCCCTTTCC  
CCCTCATTATTAATGTTTCTTTTTGCCAAAAAACAACAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_198723



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<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>OTI Annotation:</b>	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.
<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="#">NM_198723.1</a></u> , <u><a href="#">NP_942016.1</a></u>
<b>RefSeq Size:</b>	1661 bp
<b>RefSeq ORF:</b>	819 bp
<b>Locus ID:</b>	6919
<b>UniProt ID:</b>	<u><a href="#">Q15560</a></u>
<b>Cytogenetics:</b>	20q13.33
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>The protein encoded by this gene is found in the nucleus, where it functions as an SII class transcription elongation factor. Elongation factors in this class are responsible for releasing RNA polymerase II ternary complexes from transcriptional arrest at template-encoded arresting sites. The encoded protein has been shown to interact with general transcription factor IIB, a basal transcription factor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding region compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a.</p>