

Product datasheet for **SC124907**

TFIISH (TCEA3) (NM_003196) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TFIISH (TCEA3) (NM_003196) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFIISH
Synonyms:	TFIIS; TFIIS.H
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124907 sequence for NM_003196 edited (data generated by NextGen Sequencing)

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ATGGGCCAGGAAGAGGAGCTGCTGAGGATCGCCAAAAGCTGGAGAAGATGGTGGCCAGG
AAGAACACGGAAGGGCCCTGGACCTTCTGAAGAAGCTGCACAGCTGCCAGATGTCCATC
CAGCTACTACAGACAACCAGGATTGGAGTTGCTGTTAATGGGGTCCGCAAGCACTGCTCA
GACAAGGAGGTGGTGTCTTGGCCAAAAGTCTTATCAAAAAGTGGAAAGCGGCTGCTAGAC
TCCCCTGGACCCCAAAAGGAGAAAAAGGAGAGGAAAAGAGAAAAGGCAAAGAAGAAGGAA
AAAGGGCTTGAGTGTTCCAGACTGGAAGCCAGAAGCAGGCCTTTCTCCACCAAGGAAAAA
CGAGAAGACCCCAAAACCAGGAGAGACTCTGTGGACTCCAAGTCTTCTGCCTCCTCCTCT
CCAAAAAGACCATCGGTGAAAAGATCAAACAGCAGCAAATCAAAAGCGGAGAGCCCAAA
ACACCTAGCAGCCCTTGACCCACGTTTGCCTTCCATGTGTCTCCTGGCCCTCTGC
TATCTCACAGGGGACTCTGTCCGGGACAAGTGTGTGGAGATGCTGTCAGCAGCCCTGAAG
GCGGACGATGATTACAAGGACTATGGAGTCAACTGTGACAAGATGGCATCAGAAATCGAA
GATCATATCTACCAAGAGCTCAAGAGCACGGACATGAAGTACCGGAACCGGTGCGCAGC
CGCATAAGCAACCTCAAGGACCCAGGAACCCCGGCTGCGGGGAAACGTGCTCAGTGGG
GCCATCTCCGAGGGCTTATAGCCAAGATGACGGCAGAGGAAATGGCCAGTGATGAAGT
AGGGAGTTGAGGAATGCCATGACCCAGGAGGCCATCCGTGAGCACCAGATGGCCAAGACT
GGCGGCACCACCTGACCTCTTCCAGTGCAGCAAATGCAAGAAGAAGAACTGCACCTAT
AACCAGGTGCAGACACGAGTGTGATGAGCCCATGACTACCTTTGTCTTATGCAATGAA
TGTGGCAATCGCTGGAAGTTCTGCTGA

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Clone variation with respect to NM_003196.1



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_003196 unedited GGGGGCCGGGACACCCCCCCCCACCCGGNGGTTTCACAATTGNATACTATCATATAGG CGGCCGCGAAATCGGCACCAGGCGCCCTCCGCCTTCGCGCCTCCTGCCCCGAGGCCCTA CTGCTGCCCTGTGCCCTCGCCCCCGGGAGTCGCGGGCCAACATGGGCCAGGAAGAG GAGCTGCTGAGGATCGCCAAAAAGCTGGAGAAGATGGTGGCCAGGAAGAACACGGAAGGG GCCCTGGACCTTCTGAAGAAGCTGCACAGCTGCCAGATGTCCATCCAGCTACTACAGACA ACCAGATTGGAGTTGCTGTTAATGGGGTCCGCAAGCACTGCTCAGACAAGGAGGTGGTG TCCTTGGCCAAAAGTCCTTATCAAAAAGTGAAGCGGCTGCTAGACTCCCCTGGACCCCCA AAAGGAGAAAAAGGAGAGAAAAGAGAAAAGGCAAAGAAGGAAAAAGGCTTGAGTGT TCAGACTGGAAGCCAGAAGCAGGCCTTTCTCCACCAAGGAAAAACGAGAAGACCCCAAA ACCAGGAGAGACTCTGTGGACTCCAAGTCTTCTGCCTCCTCTCCAAAAAGACCATCG GTGAAAGATCAAACAGCAGCAAATCAAAGCGGAGAGCCCCAAAACACCTAGCAGCCCC TTGACCCACGTTTGCCTTTCCATGTGTCTCCTGGCCCCCTGCTATCTCACAGGGGAC TCTGTCCGGGACAAGTGTGTGGAGATGCTGTGACGAGCCCTGAANGGCGACGATGATTAC CAGGACTATGGAGTCAACTGTGACAAGATGCATCAGAAATCGAAGACATATCTACCCAGA GCTCAAGAGCACGACATGAAATACCGAAACGCGTGCGCAGCCGCATAAGCAACCTCAG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_003196
Insert Size:	2700 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:	NM_003196.1 , NP_003187.1
RefSeq Size:	1586 bp
RefSeq ORF:	1047 bp
Locus ID:	6920
UniProt ID:	O75764
Cytogenetics:	1p36.12
Protein Families:	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]