

## Product datasheet for **SC119307**

### **CSTF3 (NM\_001326) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CSTF3 (NM_001326) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSTF3
Synonyms:	CSTF-77
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC119307 sequence for NM\_001326 edited (data generated by NextGen Sequencing)

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ATGTCAGGAGACGGACCCACGGAGCAGGCAGCTGAGTATGTCCCAGAGAAGGTGAAGAAA
GCGGAAAAGAAATTAGAAGAGAAATCCATATGACCTTGATGCTTGGAGCATTCTCATTCTGA
GAGGCACAGAATCAACCTATAGACAAAGCACGGAAGACTTATGAACGCCTTGTGGCCAG
TTCCCCAGTCTGGCAGATTCTGGAACTGTACATTGAAGCAGAGATTAAGCTAAAAAT
TATGACAAGGTTGAAAAGCTATTTTCAGAGATGCCTTATGAAGGTTTTGCACATTGATTTA
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AAAATGGCTCAAGCATATGACTTTGCACTGGATAAAATTGGAATGAAAATTATGCCTAT
CAGATTTGGTGGATTACATCAATTTCTAAAAGGCGTGGAAAGCTGTAGGATCTTATGCA
GAAAATCAAAGAATAACAGCTGTCCGAAGAGTTTATCAACGAGGTTGTGTTAATCCGATG
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TTAGCTAAAAAATGATTGAAGATCGGAGTAGAGATTATGAATGCTAGACGTGTAGCA
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AATACTCCTCAAGAAGCTCAACAAGTAGATATGTGGAAGAAATATATACAGTGGGAAAAG
AGCAACCCCTCTTGTACAGAGGATCAGACCCTTATAACAAAAAGAGTTATGTTTGCCTAT
GAACAGTGCCTGCTTGTGCTGGGCCATCACCTGATATTTGGTATGAAGCTGCCAGTAT
CTTGAGCAGTCAAGTAACTGCTCGCAGAAAAGGGAGATGAATAATGCCAAATATTTT
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CTTTTTTATTTTGCATATGCAGATTATGAAGAGAGTCCGATGAAGTATGAAAAGGTTTAC
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TTAAAAGCACTTGGTTATAAGGATGTCTCCCGTCTAAGCTAGCAGCTATAATTCCGGAC
CCAGTTGTAGCTCCTTCTATAGTGCCTGTTCTGAAAGATGAAGTGGATAGAAAACCAGAA
TACCCTAAACCAGACACTCAGCAGATGATTCCATTTACAGCCACGACATTTAGCACCTCCA
GGTTTACACCCTGTACCTGGTGGAGTGTTCCAGTCCCTCCTGCAGCTGTTGTTTAAATG
AACTTCTCCCTCCTCTATCTGTTTCCAGGGTCTTTTGTACAAGTGGATGAACTGATG
GAAATTTTCCGAAGATGCAAGATACCAAACTACTGTTGAGGAAGCTGTGAGGATCATTACT
GGTGGGGCCCCAGAGCTAGCTGTAGAAGGCAACGGCCCCGTGGAAAGTAATGCAGTACTC
ACCAAGGCCGTCAAAGGCCAACGAGGATTGAGATGAAGATGAAGAAAAGGGAGCCGTT
GTCCCCCTGTTTCATGACATTTACAGAGCACGGCAGCAGAAGCGGATTCGGTAG

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Clone variation with respect to NM\_001326.2  
1024 c=>t

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_001326 unedited            NGTCGGATTTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGGCGATTGGTG            TTGGCGGTCTGGCTCAGCTGGGCAGGGGTAACCTTACTGATTTGGGGTGGTTTTTGT            TTAATTTTTCTTTCTAGCTTCCCATCGACGGTCAGTGCACGTTGTAATCAGCTGAGG            CCATGTCCAGGAGACGGAGCCACGGAGCAGGCAGCTGAGTATGTCCAGAGAAGGTGAAGA            AAGCGGAAAAGAAATTAGAAGAGAATCCATATGACCTTGATGCTTGGAGCATTCTCATT            GAGAGGCACAGAATCAACCTATAGACAAAGCAGGAAGACTTATGAACGCCTTGTGGCC            AGTTCCCAAGTTCTGGCAGATTCTGGAACTGTACATTGAAGCAGAGATTAAAGCTAAAA            ATTATGACAAGGTTGAAAAGCTATTTCCAGAGATGCCTTATGAAGTTTTGCACATTGATT            TATGGAAGTGTATCTTTTCATATGTCCGAGAAACCAAGGTAACCTACCAAGTTACAAAAG            AAAAAATGGCTCAAGCATATGACTTTGCACTGGATAAAATGGAATGGAATTATGTCCT            ATCAGATTTGGGTGGATTACATCAATTTCTAAAAGGCGTGAAGCTGTAGGATCTTATG            CAGAAAATCAAAGAATAACAGCTGTCCGAAGAGTTTATCAACGAGGTTGTGTTAATCCGA            TGATCAACATTGAACAGCTCTGGAGAGACTATAACAAGTATGAAGAGGGTATCAATATTC            ATTTAGCTAAAAATGATTGAAGATCGCAGTAGAGATTATATGAATGCTAGACGTGTAGC            ANAGGGATATGAGACAGNNTATGAAAGGCTGGNACCCGTAAATGCTCCTCCGTGCCTCCT            AGAATACTCCTCAGAGCTCC</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_001326 unedited            GTGGATCCTTTTTTTTTCTAAAGGACTTTCTAAAATTATGAAACTACAAAACGGATTTCA            TACATTCTGCCATAAATAAAAAACAAACAATAAGGCAGGACTCTACATAAGCAAACCAAGA            ACAATTGTTTTTCAGAAAATGTGATAAAATGCTTTACAATCATAAGCCATCCAGTTTTTAA            AATAAAACTGTTGAAAAACTCACAAATCTTCAAGCGGCACATACAAGACACCCTTGAAGA            GGAACAAAATGTGGTTCTGCCACTTTGTACTGTTCTCACATTTTTGAAAACCTAATTTT            GCTTATAGCATAGGTCTGTTCCGTATTCTAAAATTACACAGGTTGGTTTGTTTTTTCTC            AAGAACCATGTGATAGAGGCACCAATGACAATACAACCTTTGTTTCCAAGAACCCTGTAAC            AAAGCGTTGTCTCTTTTAAACATACCCTTGAGGCAAAAGGAATCCTGGACAGGAGTTTT            CTGTAGAGGCGTTTAAAACCTACCGAATCCGCTTCTGCTGCCGTGCTCTGTAATGTCA            TGAACAGGGGGGACAACGGCTCCCTTTTCTCATCTTCTGAATCCTCGTTGGGCCTT            TTGACGGCCTTGGTGAGTACTGCATTACTTTCCACGGGGCGTTGCCTTCTACAGCTAGC            TCTGGGGCCCCACCAGTAATGATCCTCACAGCTTCTCAACAGTATTTGGTATCTTGCAT            CTTGGAATAATTTCCATCAGTTCATCCACTTGTACAAAAAGACCTGNAACAGATAGGA            TGATGGAGATAGTTCATTAACACAGCTGCNAGAGGACTGGGACACTCCACCAGTACATG            GTGTAACCTGGAGTGCTAATGTCGGGCTGAATGGATCTCTGCTGATGTCTGTTAAGGTA            TCTAGTTTTCATCCACTCATCTTANAACAGCCTATAAATGAGCTCACTGGGTCCGATAT            AGC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_001326
<b>Insert Size:</b>	3250 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>NM_001326.1, NP_001317.1</u>
<b>RefSeq Size:</b>	2766 bp
<b>RefSeq ORF:</b>	2154 bp
<b>Locus ID:</b>	1479
<b>UniProt ID:</b>	<u>Q12996</u>
<b>Cytogenetics:</b>	11p13
<b>Domains:</b>	HAT
<b>Gene Summary:</b>	<p>The protein encoded by this gene is one of three (including CSTF1 and CSTF2) cleavage stimulation factors that combine to form the cleavage stimulation factor complex (CSTF). This complex is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. The encoded protein functions as a homodimer and interacts directly with both CSTF1 and CSTF2 in the CSTF complex. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>