

Product datasheet for **SC322051**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for SC322051
GGGCGGTGGCGATTGGTGTGGCGGTCTGGCTCAGCTGGGCAGGGGGTAACTTTACTGAT
TTGGGGGTGGTTTTAGTTAATTTTTCTTTCTAGCTTCCCATCGACGGTCAGTGCGCA
CGTTGTAATCAGCTGAGGCCATGTCAGGAGACGGAGCCACGGAGCAGGCAGCTGAGTATG
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CTTGGAGCATTCTATTCGAGAGGCACAGAATCAACCTATAGCAAAGCACGGAAGACTT
ATGAACGCCTTGTGCCAGTTCCCCAGTCTGGCAGATTCTGGAAACTGTACATTGAAG
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CACGACATTTAGCACCTCCAGGTTTACACCCTGTACCTGGTGGAGTGTCCCAAGTCCCTC
CTGCAGCTGTTGTTTTAATGAACTTCTCCCTCCTCTATCTGTTTCCAGGGTCTTTTTG
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CCTCAAGTGGTATGTTTTAAAGAGACAACGCTTTGTTACAAGTTCTTGAAACAAGTT
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ATTTTAGAATACGGAACAGACCTATGCTCTAAGCAAAATAGGTTTTCAAAAATGTGAGA
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CCTTATTGTTGTTTTTATTTATGGCAGAATGTATGAAATCCGTTTTGTAGTTTCAAATT
TTAAAAGTCCTTTAAAAAATAAAAGGATTCAGAAAAAATAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAA
    
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Restriction Sites:

Please inquire

ACCN:	NM_001326
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).
OTI Annotation:	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.
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:	<u>NM_001326.2</u> , <u>NP_001317.1</u>
RefSeq Size:	2846 bp
RefSeq ORF:	2154 bp
Locus ID:	1479
UniProt ID:	<u>Q12996</u>
Cytogenetics:	11p13
Domains:	HAT
Gene Summary:	<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>