

Product datasheet for SC119305

cleavage stimulation factor (CSTF1) (NM_001324) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	cleavage stimulation factor (CSTF1) (NM_001324) Human Untagged Clone
Tag:	Tag Free
Symbol:	cleavage stimulation factor
Synonyms:	CstF-50; CstFp50
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119305 sequence for NM_001324 edited (data generated by NextGen Sequencing)

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ATGTACAGAACCAAGTGGGCTTGAAGGACCGCCAGCAGCTCTACAAGCTGATCATTAGC
CAGCTGCTATATGACGGCTACATCAGCATCGCCAATGGCCTCATCAATGAAATCAAGCCT
CAGTCTGTGTGTGCACCCTCGGAGCAGCTCCTGCATCTCATCAAACCTCGGAATGGAAAAC
GATGACACCGCAGTTCAGTATGCAATTGGTCGTTGAGATACTGTTGCCCTGGCACAGGG
ATTGACCTGGAATTTGATGCAGATGTTGAGACTATGTCCCAGAGGCTTCTGAGTACGAA
ACATGCTATGTCACATCACATAAAGGACCATGCCGTGTAGCTACCTATAGTAGAGATGGA
CAGTTAATAGCTACTGGGCTGCTGATGCTTCGATAAAGATACTTGACACAGAGAGGATG
TTGGCCAAAAGTGCCATGCCAATAGAGGTCATGATGAATGAGACCGCACAAACAAATATG
GAAAACCAACCCAGTGATTGCAACTCTTTATGACCATGTGGATGAAGTCACGTGCCTTGCT
TTCCACCCAACAGAACAGATCCTGGCTTCTGGTTCAAGGGATTATACTCTTAAATTATTT
GATTATTTCCAAACCATCAGCAAAAAGAGCCTTCAATACATTCAGGAAGCTGAAATGTTA
CGTTCCATCTCTTTTCATCCTTCTGGAGACTTTATACTTGTGCGAACTCAGCATCCTACT
CTTCGCCTTTATGATATCAACACCTTTCAATGTTTTGTCTCTTGAATCCTCAAGATCAA
CACACCGATGCTATATGTTCCGTTAATTACAATTCTAGTGCCAATATGTACGTAACCTGGA
AGCAAGGACGGCTGCATCAAATTATGGGATGGTGTTCAAATCGATGCATCACAACCTTT
GAGAAAAGCACATGACGGTGTGAAAGTTTGTCTGCCATTTTTTCCAAAAATTTCTAAATAC
ATTCTCTCAAGTGAAAAGACTCTGTAGCTAACTTTGGGAAATATCAACGGGACGAACA
CTGGTCAGATACACGGGCGGGTTTAAAGTGGACGCCAGGTGCACCGGACACAGGCTGTG
TTTAACCAACCCGAGGACTATGTGTTGCTGCCGACGAGAGGACGATCAGTCTTTGCTGC
TGGGACTCGAGGACAGCCGAGCGGAGAAACCTGCTGTCGTTGGGGCACAACAATATTGTA
CGCTGCATAGTGCACCTCCCCACCAACCCGGGTTTCATGACGTGCAGCGATGACTTCAGA
GCGCGGTTTTGTACCGGAGATCGACCACTGACTGA

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Clone variation with respect to NM_001324.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001324 unedited TGTTACATTTTGTATACGACTCACTATAGGCGGCCGCGATTCCGGCACGAGGTTTTTCCA GGAGAGAGCGGGATACCAAGAGAACCGGACCAGCTGCTGGCAGGGAAACTGTCTTCCTTT TCTCCAAGATGTACAGAACAAAGTGGGCTTGAAGGACCGCCAGCAGCTCTACAAGCTGA TCATTAGCCAGCTGCTATATGACGGCTACATCAGCATCGCCAATGGCCTCATCAATGAAA TCAAGCCTCAGTCTGTGTGTGCACCCTCGGAGCAGCTCCTGCATCTCAAACCTCGGAA TGGAAAACGATGACACCCGAGTTCAGTATGCAATTGGTCGTTTCAGATACTGTTGCCCTG GCACAGGGATTGACCTGGAATTTGATGCAGATGTTTCAGACTATGTCCCAGAGGCTTCTG AGTACGAAACATGCTATGTCACATCACATAAAGGACCATGCCGTGTAGCTACCTATAGTA GAGATGGACAGTTAATAGCTACTGGGTCTGCTGATGCTTCGATAAAGATACTTGACACAG AGAGGATGTTGGCCAAAAGTGCCATGCCAATAGAGGTCATGATGAATGAGACCGCACAAC AAAATATGAAAACCAACCCAGTGATTCGAACTCTTTATGACCATGTGGATGAAGTCACGT GCCTTGCTTTCCACCAACAGAACAGATCCTGGCTTCTGGGTCAAGGGATTATACTCTTA AAATATNTGATTATTCAAAACATCAGCAAAAAGAGCCTTCAAATACATTCAGGAAGCTGA AATGTTACGGTCCATCTCTTTTCATCCCTCTGGAGACTTTATACTTGGTGGGACTCAGCA TCTACTCTTCGCCTTTAGAAATCAACACCCTTTAAAGTTTTGCCTCTTGAATCTCCA GATCAACACAC
Restriction Sites:	NotI-NotI
ACCN:	NM_001324
Insert Size:	2000 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_001324.1 , NP_001315.1
RefSeq Size:	1801 bp
RefSeq ORF:	1296 bp
Locus ID:	1477
UniProt ID:	Q05048
Cytogenetics:	20q13.2-q13.31
Domains:	WD40

Gene Summary:

This gene encodes one of three subunits which combine to form cleavage stimulation factor (CSTF). CSTF is involved in the polyadenylation and 3'end cleavage of pre-mRNAs. Similar to mammalian G protein beta subunits, this protein contains transducin-like repeats. Several transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.