

Product datasheet for **MC228278**

Cstf2 (NM_001290398) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cstf2 (NM_001290398) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cstf2
Synonyms:	C630034J23Rik; Cstf64; mir-3112
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228278 representing NM_001290398
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGTTTGCCAGTGAGAGACCCTGCGGTGGATCGTTCCCTGCGCTCCGTCTTCGTGGAAACATCC
 CTTATGAAGCTACTGAAGAACAACCTGAAGGACATTTCTCTGAGGTTGGGCCTGTTGTTAGTTTCAGATT
 GGTATACGATAGGGAGACAGGAAAACAAAGGGCTATGGCTTCTGCGAGTACCAAGACCAAGAGACAGCA
 CTTAGTGCCATGCGGAACCTGAATGGGCGTGAATTCAGCGGGAGAGCACTTCGAGTGGATAATGCTGCCA
 GTGAAAAGAACAAGGAGGAACTGAAGAGCCTTGGCACTGGTGCACCTGTCATAGAGTCACCTTATGGAGA
 AAGCATCAGCCCTGAGGATGCCCTGAATCCATTAGCAAAGCAGTTGCCAGTCTTCCACCAGAACAGATG
 TTTGAGTTGATGAAACAATGAAGCTCTGTGTCCAGAATAGTCCCAGGAAGCACGAAACATGTTGCTTC
 AGAATCCACAGCTGGCTTATGCTTTGTTGCAAGCACAGGTAGTGATGAGAATTGGGATCCTGAGATTGC
 GCTGAAAATTCTGCATCGCCAGACAAATATCCCAACGCTGATTCAGGCAACCCTCAGCCAGTTCATGTT
 GCTGGGCCTGGCTCAGGACCCAATGTTTCAATGAACCAGCAGAATCCGCAGGCCCTCAGGCTCAATCTT
 TGGGTGGAATGCATGTCATGGCGCACCTCCTATGATGCAAGCTTCTATGCCAGGTGGAGTTCACGCCCC
 AGTGCAGATGGCAGCTGCTGTAGGAGGACCTGGCCCTGGTTTCCTTAGCCCTGCAGGAGTTATGCAAGCC
 CAAGTTGGAATGCAAGGAGCTGGACCACTGCCCCATGGAACGAGGACAAGGTGATGCTCCCAATGACCCGC
 GGGGAGGCACTTAATGACTGTAAGTGGAGACGTAGAACCTAGAGCTTACCTGGGACCACCACCACCACC
 TCATCAGGGCCCAACCATGCACCATGTTCTGGTTCATGAAGTTCGTTGACCGCCTCCACATGACATGAGA
 GGAGGACCCCTAGCTGAGCCGAGACCTTAATGGCAGAACCAAGAGGACCCATGCTAGATCAGAGGGGCC
 CACCTCTGGATGCCAGAGGTGGAAGAGATCCCCGAGGATTAGATGCACGGGGGATGGAGGCCAGAGCCAT
 GGAAGCAAGAGGACTAGATGCCAGAGGACTGGAAGCCCGTGCCATGGAGGCCCGTGCCATGGAGGCCCGT
 GCCATGGAAGCCCGTGCCATGGAAGCCCGTGCCATGGAGGCTCGTGCCATGGAGGCCAGAGGCATGGACA
 CCAGAGGCCAGTACCTGGACCTAGAGGACCTATGCCTAGTGGAAATCCAAGGTCCCAATCCAATGAACAT
 GGGGGCAGTTGTTCCCCAGGGATCCAGACAGGTACCAGTCATGCAGGGAGCAGGCATGCAAGGAGCAAGC
 ATGCAAGGTGGAAGCCAGCCTGGTGGCTTTAGTCTGGACAGAGCCAAGTACACCCCAGGATCATGAGA
 AGGCTGCTTTGATTATGCAGGTCCTTCAGCTCACTGCAGACCAGATCGCCATGCTGCCTCCTGAGCAAAG
 ACAGAGTATCCTAATCTTAAGGAACAGATACAGAAATCCACTGGGGCACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290398
- Insert Size:** 1665 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001290398.1](#), [NP_001277327.1](#)

RefSeq Size: 4464 bp

RefSeq ORF: 1665 bp

Locus ID: 108062

Cytogenetics: X E3

Gene Summary: One of the multiple factors required for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs. This subunit is directly involved in the binding to pre-mRNAs (By similarity). [UniProtKB/Swiss-Prot Function]