

Product datasheet for **MC228101**

Cstf2 (NM_001290399) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cstf2 (NM_001290399) 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: >MC228101 representing NM_001290399
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGTTTGCCAGTGAGAGACCCTGCGGTGGATCGTTCCTGCGCTCCGTCTTCGTGGAAACATCC
 CTTATGAAGCTACTGAAGAACAACCTGAAGGACATTTCTCTGAGGTTGGCCTGTTGTTAGTTTCAGATT
 GGTATACGATAGGGAGACAGAAAACCAAGGGCTATGGCTTCTGCGAGTACCAAGACCAAGAGACAGCA
 CTTAGTGCCATGCGGAACCTGAATGGGCGTGAATTCAGCGGGAGAGCACTTCGAGTGGATAATGCTGCCA
 GTGAAAAGAACAAGGAGGAACTGAAGAGCCTTGGCACTGGTGCACCTGTCATAGAGTACCTTATGGAGA
 AAGCATCAGCCCTGAGGATGCCCTGAATCCATTAGCAAAGCAGTTGCCAGTCTTCCACCAGAACAGATG
 TTTGAGTTGATGAAACAATGAAGCTCTGTGTCCAGAATAGTCCCAGGAAGCACGAAACATGTTGCTTC
 AGAATCCACAGCTGGCTTATGCTTTGTTGCAAGCACAGGTAGTGATGAGAATTGGGATCCTGAGATTGC
 GCTGAAAATTCTGCATCGCCAGACAAATATCCCAACGCTGATTTCCAGGCAACCCTCAGCCAGTTCATGTT
 GCTGGGCCTGGCTCAGGACCCAATGTTTCAATGAACCAGCAGAATCCGCAGGCCCTCAGGCTCAATCTT
 TGGGTGGAATGCATGTCATGGCGCACCTCCTATGATGCAAGCTTCTATGCCAGGTGGAGTTCACGCCCC
 AGTGCAGATGGCAGCTGCTGTAGGAGGACCTGGCCCTGGTTTCTTAGCCCTGCAGGAGTTATGCAAGCC
 CAAGTTGGAATGCAAGGAGCTGGACCACTGCCATGGAACGAGGACAAGTGCCAATGCAAGACCCAGAG
 CAGCTATGCAGCGGGGAGCCTTGCTACCAACGTCCCACTCCTCGTGGTCTTTTAGGTGATGCTCCCAA
 TGACCCGCGGGGAGGCACCTTAACTGACTGTAACGGAGACGTAGAACCTAGAGCTTACCTGGGACCACCA
 CCACCACCTCATCAGGGCCACCCATGCACCATGTTCTGGTTCATGAAGTTCGTGGACCCGCTCCACATG
 ACATGAGAGGAGGACCCCTAGCTGAGCCGAGACCTTAAATGGCAGAACCAAGAGGACCCATGCTAGATCA
 GAGGGGCCACCTCTGGATGCCAGAGGTGAAGAGATCCCCGAGGATTAGATGCACGGGGGATGGAGGCC
 AGAGCCATGGAAGCAAGAGGACTAGATGCCAGAGGACTGGAAGCCCGTCCATGGAGGCCGTGCCATGG
 AGGCCCGTCCATGGAAGCCCGTCCATGGAAGCCCGTCCATGGAGGCTCGTCCATGGAGGCCAGAGG
 CATGGACACCAGAGGCCAGTACCTGGACCTAGAGGACCTATGCCTAGTGAATCCAAGTCCCAATCCA
 ATGAACATGGGGCAGTTGTTCCCGAGGATCCAGACAGGTAATGCTTGTAGCATATACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290399
- Insert Size:** 1533 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_001290399.1](#), [NP_001277328.1](#)

RefSeq Size: 2772 bp

RefSeq ORF: 1533 bp

Locus ID: 108062

UniProt ID: [Q8BIQ5](#)

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]