

Product datasheet for **MG209665**

Cstf2t (BC026995) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cstf2t (BC026995) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cstf2t
Synonyms:	tCstF-64, 64kDa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>MG209665 representing BC026995
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCGAGTTTGGCGTTAGAGACCCAGCCATGGATCGATCGCTGCGTTCCGTGTTCTGTTGGGAACATTC
 CGTATGAGGCGACGAGGAGCAGTTAAAGGACATTTTCTCAGAGGTTGGTTCAGTTGTCAGTTTCCGTCT
 CGTCTACGATAGAGAGACTGGGAAGCCCAAGGTTATGGCTTCTGCGAGTACCAAGACCAGGAGACTGCG
 CTCAGTGCCATGCGAAACCTCAATGGGCGAGAGTTAGTGGGAGAGCGCTTCGGGTGGACAATGCCGCCA
 GCGAAAAGAACAAGGAGGAGTTAAAGAGCTTAGGCCCGGCGGCCCATCATTGACTCCCCCTATGGGGA
 CCCTATCGATCCAGAAGATGCTCCAGAATCGATTACTAGAGCAGTCGCCAGCTTGCCCCAGAGCAGATG
 TTTGAGCTCATGAAGCAGATGAAGTTGTGTGTCCAGAACAGTCACCAGGAAGCTCGAAACATGCTACTTC
 AGAACCCACAGTTGGCGTATGCTTTGCTGCAGGCACAAGTGGTATGAGAATCATGGATCCAGAGATTGC
 ACTGAAAATTTTCATCGTAAGATACATGTCACACCACTGATCCCAGGCAATCTCAGCCGGTCTCTGGG
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 CAGTGGTTGGTCCAGTGCCCTGGAGCGAGGACAGATGCAGATATCAGATCTAGACCTCCGATGCCTCG
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 GGGACTTTGCTCTCAGTACTGGAGAAGTAGAGCCCAGGGCTATATGGGACCACCCATCAGGGTCCTC
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 CAAGGAGGGATGCAGGGAGCTGGCATGCAAGGAGCCAGTAAGCAAGGTGGAGGCCAGCCTAGCAGTTTTA
 GCCTGGGCAAGCCAGGTAACCTCACAAAGATCAAGAAAAGCAGCTTTGATCATGCAGGTTCTCCAGCT
 GACTGCGGATCAGATTGCCATGCTGCCTCCCGAACAAAGGCAGAGCATTTTGATTTTAAAGGAACAAATC
 CAGAAATCCACTGGGGCTTCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

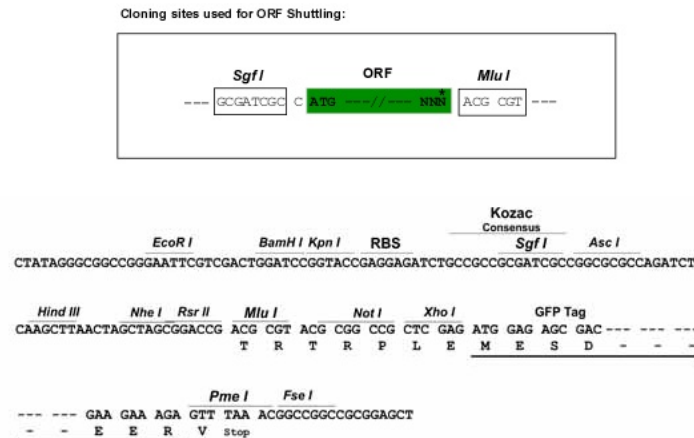
>MG209665 representing BC026995
 Red=Cloning site Green=Tags(s)

MSSLAVRDPAMDRLRSFVGNIPYEATEEQLKDFSEVGSVVSFRLVYDRETGKPKGYGFCEYQDQETA
 LSAMRNLNREFSGRALRVDNAASEKNKEELKSLGPAAPIIDSPYGDPIPEDAPESITRAVASLPPEQM
 FELMKQMKLCVQNSHQEARNMLLQNPQLAYALLQAQVVMRIMDPEIALKILHRKIHVTPVIPGKSQPVSG
 PGPGGPGSPGGPGPGPAPGLCPGNVMLNQNPAPQPQHLPRRPVKDIPPLMQTSIQGGIPAPGPIIP
 AAVPGPGPSLTPGGAMQPQVGMPPVGPVPLERGMQISDPRPPMPRGPMPSGGIPPRGLLDAPNDPRG
 GTLLSVTGEVEPRGYMGPPHQGPPMHGHGDNRPASHDMRGGLAADPRMLIGEPRGPMIDQRLPMDGR
 GGRESRGMETRPMETEVLEPRGMERRMETCAMETRGMEARGMDARGLEMRGPGPSSRGPMTGIGQPGPI
 NMGAGGPQGRQVPNIAGVGNPGGTMQGAGIQGGGMQAGMQGGGMQAGMQGGGMQAGMQAGMQGASM
 QGGMQAGMQGASKQGGGQPSFSPGQSQVTPQDQEKAAALIMQVLQLTADQIAMLPPEQRQSILILKEQI
 QKSTGAS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC026995

ORF Size: 1911 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

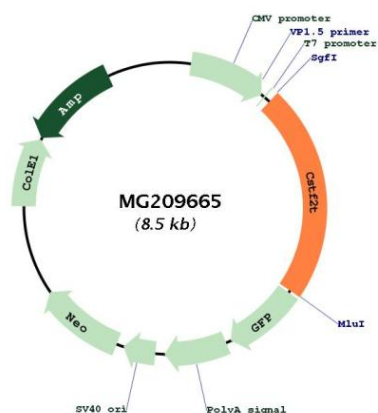
RefSeq: [BC026995](#), [AAH26995](#)

RefSeq Size: 3583 bp

RefSeq ORF: 1913 bp

Locus ID: 83410
Cytogenetics: 19 C1
Gene Summary: May play a significant role in AAUAAA-independent mRNA polyadenylation in germ cells. Directly involved in the binding to pre-mRNAs.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG209665