

Product datasheet for **MC220978**

Cstf3 (NM_145529) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cstf3 (NM_145529) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cstf3
Synonyms:	4732468G05Rik; C79532; CstF-77
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220978 representing NM_145529
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGGAGACGCAGCCGCGGAGCAGGCAGCGGAATATGTCCCAGAGAAGGTGAAGAAAGCGGAAAAGA
 AATTAGAAGAAAATCCATATGACCTTGATGCTTGGAGCATTCTCATTTCGAGAGGCACAGAATCAACCTAT
 AGACAAAGCACGGAAGACTTACGAACGCCTTGTGCCAGTTCGCCAGTTCCTGGCAGATTCTGAAACTG
 TACATTGAAGCAGAGATTAAGCTAAAAATTATGACAAGGTTGAAAAGCTATTTCAAAGATGCCTTATGA
 AGGTTTTGCACATTGATTTATGGAAGTGTATCTTTACATACGTCAGAGAAACCAAGGGTAAACTGCCAG
 CTACAAAGAAAAATGGCTCAAGCTTATGACTTTGCACTAGATAAAAATTGGAATGGAAATATATGCCTAT
 CAGATTTGGGTGGATTACATCAATTTCTAAAAGGAGTGAAGCTGTAGGATCTTATGCAGAAAATCAGA
 GAATAACTGCTGCCGAAGGTTTATCAACGAGGTTGTGTTAATCCAATGATCAACATTGAACAACCTCTG
 GAGAGACTACAACAAGTATGAAGAGGGTATCAATATTCATTTAGCTAAAAAGATGATTGAAGATCGGAGT
 AGAGACTACATGAATGCTAGACGTGTAGCAAAGGAATACGAGACAGTCATGAAAGGTTTGGACCGCAATG
 CTCTTCAGTGCCTCCTCAGAATACTCCTCAAGAAGCTCAGCAAGTGGACATGTGGAAGAAGTACATCCA
 GTGGGAGAAGAGCAACCTCTTCGCACAGAGGACCAGACCCTGATAACCAAAAAGAGTTATGTTTTGCCTAT
 GAACAGTGCCTCCTTGTGCTGGGCCATCACCTGATATCTGGTATGAAGCTGCCAGTATCTGGAACAGT
 CGAGTAAGCTGCTTGCAGAAAAGGGGACATGAACAATGCCAAGTTATTTAGTGACGAAGCTGCTAATAT
 TTATGAAAGAGCCATAAGCACGTTATTAAGAAGAACATGCTCCTTTATTTGTCATATGCAGATTATGAA
 GAGAGTCGCATGAAGTATGAGAAGGTTACAGTATATATAACAGACTTCTGGCAATTGAGGACATTGACC
 CCACCTTAGTATATATTCAGTATATGAAATTTGCAAGGAGAGCAGAAGGTATCAAATCTGGAAGAATGAT
 ATTTAAAAAAGCAAGAGAGGATGCCAGGACCCGCCATCATGTCTATGTAAGTGCAGCCCTCATGGAATAT
 TACTGTAGCAAGGACAAATCTGTTGCCTTTAAGATTTTTGAATTGGGACTAAAGAAATATGGAGACATTC
 CAGAATATGTTTTGGCTTATATTGACTATCTCTCACCTCAATGAGGACAATAACTCGAGTTTTGTT
 TGAAAGAGTTCTAACGTCTGGAAGCCTCCTCCTGAGAAGTCTGGAGAAATCTGGGCTCGATTTCTAGCT
 TTTGAAAGTAATATTGGTGATTTAGCTAGTATACTCAAAGTGGAAAAAGACGGTTTACAGCATTACAGAG
 AAGAGTATGAAGGCAAGGAAACAGCTTTACTGGTGGACAGATACAAGTTTATGGATTTATACCTTGTTT
 TGCAAGTGAAGTCAAAGCACTGGGCTATAAGGATGTCTCCCGTGAAGTGAAGTGAAGTGAAGTGAAGT
 CCAGTTGTAGCTCCTCCATAGTGCCTGTTCTGAAAGATGAAGTGGATAGAAAACCTGAGTACCCTAAGC
 CAGACACTCAGCAGATGATTCCATTTACGCCACGACATTTAGCACCTCCAGGCTTGACCCCTGTCCCGG
 TGGAGTGTTCAGTGCCTCCTGCCGCTGTTGTTTTGATGAAACTGCTCCACCTCCTATCTGCTTCCAG
 GGTCTTTTGTACAAGTGGATGAGCTGATGAAAATTTCCGAAGATGCAAGATACCAAACACTGTTGAGG
 AAGCCGTGAGGATCATCACTGGTGGGCCCCAGAGCTGGCTGTGGAAGGCAACGGCCAGTGGAAGTAG
 TGCTGTACTGACTAAGGCTGTCAAAGGCCAACGAGGATTACAGACGAAGATGAAGAAAAGGGGGCTGTA
 GTCCCCCTGTTTCATGACATTTACAGAGCACGGCAGCAGAAGCGAATACGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_145529

Insert Size: 2154 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:	<u>NM_145529.3</u> , <u>NP_663504.1</u>
RefSeq Size:	2852 bp
RefSeq ORF:	2154 bp
Locus ID:	228410
UniProt ID:	<u>Q99LI7</u>
Cytogenetics:	2 54.84 cM
Gene Summary:	One of the multiple factors required for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs.[UniProtKB/Swiss-Prot Function]