

Product datasheet for **SC322243**

GTF3C5 (NM_012087) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	GTF3C5
Synonyms:	TFIIIC2-63; TFIIIC63; TFIIICepsilon
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >OriGene sequence for SC322243 CGCTGGCTAGTAGGAGAGACTGGTGGCTTGCCCCGCCCGGTGGACTAACTCGCTTAATTTT
 AAATAAAAAGTCGAGGACACGGCGGTCTGTTTTCCCGAAGACATGGGCCCTCCCATGGGCC
 ATTTGCTCCTGGAGGCCCTCGCGTCTTGTGAGCCCGGGAGTTAGGATGACGCGAGCG
 GTGAGGGAGCCCGGAACGATTCTTCGCGGAACAATTGAGGCGAGGCCCTTGGGAGTACT
 TTGTGGGACGACCTGGCGGGCCCTGCCAGACGACAGGGATGGCGGGAGGCGGCCG
 ATTTGGGGCTGGGGGCCCGTCCCGTGGAGCTGAGGCGGAGCGACGCATGGTGTGCG
 TGGAGTACCGGGAGTGGTGCCTGATGTGGCTAAGATGCTGCCGACTCTGGCGGGCAGG
 AAGGCTCTCCCGATCTACGAGACCCCAAGAGGCTGGAGCTGTACTTCCGGCCCA
 AGGACCCTACTGCCACCCAGTGTGCGCCAACCGCTTCAGTACCAGCAGCTGTGCTCC
 GCATCAGGAAGAGAACGAGGCGGCAGAAAGGGGTGTGGGCACTGAGGCCCACTCCGAGG
 TCACATTTGACATGGAGATCCTTGGCATCATCTCCACCATTTACAATTTTCAGGGGATGT
 CTGACTTCCAGTACTTGGCTGTGCATACGGAAGCAGGCGGCAAGCATACGTCAATGTATG
 ACAAGGTGCTCATGCTCCGGCCCGAGAAGGAGGCCCTTTTCCACAGGAGCTGCCGCTCT
 ACATCCCCCACCCTCTTCTCCCGCTGGACGCCCGGTGGACTACTTCTACCGACCAG
 AGACCCAGCACCAGGAGGCTACAACAATCCCCCATCTCAGGTGAGAATCTGATTGGCC
 TGAGCAGAGCCCGCGCCCCCAATGCCATCTTTGTCAACTTTGAGGATGAGGAGGTGC
 CCAAGCAGCACTGGAGGCTGCAGCCAGACGTGGAGGAGAGTCTGCACTAACCCCGTGG
 ACCGGAAGGTGGAGGAGGAGCTGAGGAAGCTGTTGACATCCGTCCTCTGGTCCCGAA
 ATGCTGTCAAGGCCAACATCAGCGTCCACCCAGACAAGCTCAAGGTCTTGTCTCCCTTCA
 TAGCCTATTACATGATAACAGGCCCTGGCGCAGCCTATGGATTGATTTGGGTATGACC
 CCGGAAAAAACCCAGATGCCAAGATTTATCAAGTCCTCGATTTCCGAATCCGTTGTGGAA
 TGAAACACGGTTACGCCCCAGTGACTTGGCGGTCAAAGCAAAGCGCAGCACCTACAAT
 ACAGCCTCCCCATACCGTCAAGAAGACATCCAGCCAGCTTGTACCATGCATGACCTGA
 AGCAGGGCCTGGGCCCCGCGGGACGAGTGGTGTCTCGGAAACCAGCTTCCAGCAAGTACA
 AGCTCAAGGACTCTGTCTACATCTTCCGGGAAGGGGCTTGGCACCTATCGGCAGATGT
 TCTACCAGTTATGCGACTTGAATGTGGAAGAGTGCAGAAGATCATTACCCGAATGACG
 GGGCAGAGAATTCCTGCACAGAACGGGATGGGTGGTGCCTCCCCAAGACCAGCGACGAGC
 TCAGGGACACCATGTCCCTCATGATCCGGCAGACCATCCGCTCCAAGAGGCCCTGCTCTCT
 TTTCCAGCTCAGCCAAGGCTGATGGCGGAAAAGAGCAGCTGACGTACGAGTCTGGGGAAG
 ACGAGGAGGATGAGGAGGAGGGAAGAGGAGGAGGAGGACTTCAAGCCATCCGACGGCA
 GTGAAAACGAAATGGAGACAGAGATTCTGGACTACGTGTGACAGGGCCCAAGGCTGGGCC
 TCCCTGACCCGGCCAGACTGGTGTCTGGCCTAATGAGGGAGCCGGGGCTCCCCATTGCCA
 CCCACAGTGCCCGGAATGGCCCTAGGAGGCCCTCTGAGGAGAGCTAGAGTCCCAGCAAAG
 GGTGCAGCTGACCTAGCACTGGCTGTGACATGCTGCTTGGTGTGCCTCTGGTCTCTGAG
 GGGTTAGGGACATCCCCAAGGGTATACCTTGGCTCTGCCACCATGAACCAGCCAGCA
 TCCAGGCAGTGAGTGGGACCCCAATGCCTCTCAGGATGAGACCAAGTAAATGCCGGAGGTG
 GAGCTGGGACAGCTGTGGAGCCCGAGCCACAGGCCAGTCTCGCTTGGCTCTCATGACTGT
 GGTGGTGGAGATAGTGTGGGAGCCTCGCCCATGGTCTCACGTGGCAAGAAGTGCCTTTA
 GCTCTGGATCCCAACCGTTTGGCACAGCTTGGCCACAGCCAGGCCCTCTGGAATTGTC
 CTTATTAACACAGTTTCCCGAGAAAAA

Restriction Sites: Please inquire

ACCN: NM_012087

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_012087.1 , NP_036219.1
RefSeq Size:	2385 bp
RefSeq ORF:	1560 bp
Locus ID:	9328
UniProt ID:	Q9Y5Q8
Cytogenetics:	9q34.13
Protein Families:	Transcription Factors
Gene Summary:	Involved in RNA polymerase III-mediated transcription. Integral, tightly associated component of the DNA-binding TFIIIC2 subcomplex that directly binds tRNA and virus-associated RNA promoters.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, which results in a shorter isoform (2), compared to isoform 1.