

Product datasheet for **SC331679**

GTF3C3 (NM_001206774) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GTF3C3 (NM_001206774) Human Untagged Clone
Tag: Tag Free
Symbol: GTF3C3
Synonyms: TFIIIC2-102; TFIIIC102; TFIIICgamma
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331679 representing NM_001206774.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

ATGTCAGGGTTCAGTCCGGAACATCGACTACTTGAAGGGAAAATCTCCTTTGAGGAGTTCGAACGG
CGGAGAGAAGAGAGAAAAACCCGCGAGAAGAAAAGTCTTCAGGAAAAAGGCAAGTTATCAGCTGAAGAA
AATCCCGATGACTCTGAAGTTCCATCATCATCAGGAATTAAGTCTACCAATCCCAAGACAAAGATGTC
AATGAAGGAGAAACATCAGATGGAGTGAGGAAGTCAGTTCACAAGGTCTTTGCTTCCATGCTTGGAGAG
AATGAAGATGATGAGGAGGAAGGAAGAAGAGGAGGAGGAGGAGGAGGAAGAAACACCTGAGCAA
CCCACTCGGGCGATGTATTTGTATTGGAGATGGTTCTCAATCGTGAAACCAAGAAAATGATGAAAGAG
AAAAGGCCTCGGAGTAACTTCCAGAGCTCTGAGAGGTCTCATGGGTGAAGCCAACATTCGTTTTGCT
CGAGGAGAACGTGAAGAGGCGATATTGATGTGCATGGAATCATAAGACAAGCTCCTCTGGCTTATGAG
CCATTCTCTACTAGCCATGATATATGAGGACCAAGGTGACATGGAAAAATCATTGCAGTTTGAGTTG
ATTGCTGCGCATTTAAATCCCAGTGACACAGAAGAATGGGTTAGACTGGCAGAAATGTCTCTGGAACAA
GACAATATTAAGCAGGCTATTTTTTGTATACAAAAGCTCTTAAATATGAACCTACTAATGTCCGTTAT
CTGTGGGAGCGATCAAGCCTTTATGAACAGATGGGTGATCAAAAATGGCCATGGATGGTTATAGGCGT
ATTTTAAACCTTTTGTCTCCATCTGATGGCGAACGTTTTATGCAGCTGGCTAGAGATATGGCAAAGAGT
TACTATGAAGCCAATGATGTTACTTCTGCTATTAACATAATTGATGAAGCTTTCTCAAAACACCGGGC
CTAGTCTCCATGGAAGATGTTAACATAGCAGCTGAACATATATTTCTAACAAACAGTATGACAAAAGCT
TTGGAGATAATTACAGATTTTTCTGGAATTGTGCTGGAACAAAAAACTTCAGAAGAAGGCACCTCAGAA
GAGAATAAAGCTCCTGAGAATGTTACCTGCACTATACCTGATGGCGTGCCAAATAGATATCACAGTGAAG
TTGATGGTCTGCCTTGATCATCTCAACATTCTTGAACCACTTAATGTATGTAACAAGATCTGCAC**TGA**

Restriction Sites: SgfI-MluI
ACCN: NM_001206774
Insert Size: 1242 bp



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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:	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_001206774.1</u>
RefSeq Size:	1862 bp
RefSeq ORF:	1242 bp
Locus ID:	9330
UniProt ID:	<u>Q9Y5Q9</u>
Cytogenetics:	2q33.1
Protein Families:	Transcription Factors
MW:	47.3 kDa
Gene Summary:	The protein encoded by this gene is part of the TFIIIC2 complex, which binds to the promoters of small nuclear and cytoplasmic RNA genes in order to recruit RNA polymerase III. The TFIIIC2 complex is composed of six subunits. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011] Transcript Variant: This variant (2) lacks multiple exons from the 3' end and has an alternate 3' segment, compared to variant 1. The resulting isoform (2) has a much shorter and distinct C-terminus, compared to isoform 1.