

## Product datasheet for **SC338126**

### GTF3C1 (NM\_001286242) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GTF3C1 (NM_001286242) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTF3C1
Synonyms:	TFIIIC; TFIIIC220; TFIIICalpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286242, the custom clone sequence may differ by one or more nucleotides

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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001286242
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001286242.1</a></u> , <u><a href="#">NP_001273171.1</a></u>
<b>RefSeq Size:</b>	7049 bp
<b>RefSeq ORF:</b>	6255 bp
<b>Locus ID:</b>	2975
<b>UniProt ID:</b>	<u><a href="#">Q12789</a></u>
<b>Cytogenetics:</b>	16p12.1

**Gene Summary:**

Required for RNA polymerase III-mediated transcription. Component of TFIIC that initiates transcription complex assembly on tRNA and is required for transcription of 5S rRNA and other stable nuclear and cytoplasmic RNAs. Binds to the box B promoter element.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 3' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.