

## Product datasheet for **SC319898**

### GTF3C6 (NM\_138408) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GTF3C6 (NM_138408) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTF3C6
Synonyms:	bA397G5.3; C6orf51; TFIIC35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_138408.2

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CCGGGCGGGCGTGGCCAGTGACTAGAAGGCGAGGCGCCGCGGGACCATGGCGGCGGCGGC
GGACGAGCGGAGTCCAGAGGACGAGAGAAGACGAGGAAGAGGAGGAGCAGTTGGTTCTGGT
GGAATTATCAGGAATTATTGATTCACTTCTCTCAAAATGTGAAAATAAATGCAAGGT
TTTGGGCATTGACACTGAGAGGCCATTCTGCAAGTGGACAGCTGTGTCTTTGCTGGGGA
GTATGAAGACACTCTAGGGACCTGTGTTATATTTGAAGAAAATGTTGAACATGCTGATAC
AGAAGGCAATAATAAACAGTGTCTAAATATAAATGCCATACAATGAAGAAGCTCAGCAT
GACAAGAAGCTCTCTGACAGAGAAGAAGGAAGGAGAAGAAAACATAGGTGGGGTGAATG
GCTGCAATAAAGGATAATGATTTCTCTATCGACCCAACATGATTTGTAACCTTTCTACA
TGAAAATGAAGACGAAGAAGTGGTAGCTTCAGCCCCAGATAAATCTTTGGAATTGAAGA
GGAAGAGATTCAAATGAACGACAGTTCAAACCTGAGTTGTGAACAGGAGAAACCAATGCA
CTTGGAATAGAAAGATTCTGGTCTCTTATTGATATACCTTCTGAGACAGAAGGTTCTGT
TTTTATGGAAGTCAAATGCTGCTTAGAAATCACTCCTAGATGAAATGTTTCTCATAAT
AACTTGCAAGAACTTTTAGAGTTGTTACATAAAATAATTGCTGTGTAAAAA
AAAAAAAAA
  
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Restriction Sites: Please inquire

ACCN: NM\_138408

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).



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<b>OTI Annotation:</b>	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.
<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>	<a href="#">NM_138408.2</a> , <a href="#">NP_612417.1</a>
<b>RefSeq Size:</b>	963 bp
<b>RefSeq ORF:</b>	642 bp
<b>Locus ID:</b>	112495
<b>UniProt ID:</b>	<a href="#">Q969F1</a>
<b>Cytogenetics:</b>	6q21
<b>Gene Summary:</b>	RNA polymerases are unable to initiate RNA synthesis in the absence of additional proteins called general transcription factors (GTFs). GTFs assemble in a complex on the DNA promoter and recruit the RNA polymerase. GTF3C family proteins (e.g., GTF3C1, MIM 603246) are essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA (MIM 180420), tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin.[supplied by OMIM, Mar 2008]