

Product datasheet for **SC200810**

GTF3A (NM_002097) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: GTF3A

Synonyms: AP2; TFIIIA

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_002097

Insert Size: 256 bp

Insert Sequence: >SC200810 3'UTR clone of NM_002097
The sequence shown below is from the reference sequence of NM_002097. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGACAGTTGCAGTACTTACCTTGGCTAAGAACTGCACTGCTTTGTTTAAAGGACTGCAGACCAAGGA
GCGAGCTTTCTCTCAGAGCATGCTTTTCTTTATTTAAATTAAGTATGATGCAGAACATTTGATTCCTTATCA
TTTCCATGGTCTTTGTTCAAAGTGTCTCTTCTGGGTCTCTTGTAGTTTCTTTATATGCCTTCTCCTCA
TTTTTGCTGAAAGCACGAAGAACACACATTAAAGCTTTTCTCCTTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_002097.3</u>
Summary:	The product of this gene is a zinc finger protein with nine Cis[2]-His[2] zinc finger domains. It functions as an RNA polymerase III transcription factor to induce transcription of the 5S rRNA genes. The protein binds to a 50 bp internal promoter in the 5S genes called the internal control region (ICR), and nucleates formation of a stable preinitiation complex. This complex recruits the TFIIIC and TFIIIB transcription factors and RNA polymerase III to form the complete transcription complex. The protein is thought to be translated using a non-AUG translation initiation site in mammals based on sequence analysis, protein homology, and the size of the purified protein. [provided by RefSeq, Jul 2008]
Locus ID:	2971
MW:	9.6