

Product datasheet for **SC106231**

UBTF (AF289595) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBTF (AF289595) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBTF
Synonyms:	NOR-90; UBF; UBF-1; UBF1; UBF2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF289595, the custom clone sequence may differ by one or more nucleotides

```
ATGGGGGAAGAGCGGGAACCTGCCACGGAGGTGGAGCAAGAACGGTGAAGGGCCCTGGTCCCAGAGAGG
CTGGTGGGTCCCTCTCCCAAAGGAAGGCAGACAGTCTCTGCTTTGCCTTGGACCTTGGTCTTGGGGGTG
GGGAGGCCCTGGGGGGGACACTCCCACTCCCATTCCCCTTCCTTTGTCCTAATCCTGGAATTAAGTACA
GGGGTTTATAGGTTCTATTTCTCCCAAGAGCCCTGCAAAGAACCCAGTTTCTATTTGGATGCCCTA
CACTGTTGTGTTTCAGTGAATGTATTTTCATTTAAAAACAACCTTGAATGGGGCACTTTTTCTTTCCTG
TTTTAAAAATTGA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for AF289595 unedited NGGTTTTCGGATTTTGTAAACACGATTCACTATAGGGCGGACCGGAATTCGCACNNGGGGT TCTTTTTTATGGTCATGTCACTGACCTATTAATTGGGGCTTGGTGCTTTTCCACCTTCC CCCTCTGAATGAAAGCCAAGGAATGGGGGAAGAGCGGGAACCTGCCACGGAGGTGGAGC AAGAACGGTGAAGGGCCCTGGTCCCAGAGAGGCTGTTGGGTCCCTCTCCCAAAGGAAGGC AGACAGTCTCTGCTTTGCCTTGGACCTTGGTGTGGGGTGGGGAGGCCTGGGGGGGACA CTCCCCACTCCCATTCCCCTTCCCTTTCCTTTCCTAATCCTGGAATTAAGTACAGGGGTTATA GGTTCTATTTCTTCCAAGAGCCCTGCAAAGAACCCAGTTTCCTATTTGGATGCCCTA CACTGTTGTGTTTCAGTGAATGTATTTTCATTTAAAAACAACCTTGAATGGGGCACTTT TTCTTTCTGTTTTAAAAATTGAAAAATCTTACAGTACAAACAGGACTGTCAGGGTGGG GGTGTTGGTGCTGAAGAGGTCCTTGTGAGTGCATTTTGGCACTGGGATGGGATGGTGG GGTGGGGGAANNCCNNNNNNNNNNCCNNNNNNTNNNNTNNNNTNTTNTNNGGNGTGTT TTTGGNGGGTTTNNCCNNNNNNNNNNNTCTTGGTTTTTGTNTTGTGGGGGGTGGGG GGGNGTTGGNTTTTNNGGTTGTNTTGTCTTGGTTTTNNGGNNNTTGGTTGNNGTTTTTG TTTTTCTTTTTTGTTTTTNNGGTGGTTTTNNTTGTTTTTNNNNNNTTTTTGGGC TTTTTTGGNGGCCNGTTTTTGTGTTCTGTCCCNTCCCGGGTGGCGTTCCTTGG NTCCCTCCCTCCGGCCTCCTTCTGGCCTCGTNGTTGCCCC
Restriction Sites:	NotI-NotI
ACCN:	AF289595
Insert Size:	800 bp
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:	<ol style="list-style-type: none"> 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:	AF289595.1 , AAL55779.1
RefSeq Size:	1545 bp
RefSeq ORF:	1545 bp
Locus ID:	7343
Cytogenetics:	17q21.31
Protein Families:	Transcription Factors

Gene Summary:

This gene encodes a member of the HMG-box DNA-binding protein family. The encoded protein plays a critical role in ribosomal RNA transcription as a key component of the pre-initiation complex, mediating the recruitment of RNA polymerase I to rDNA promoter regions. The encoded protein may also play important roles in chromatin remodeling and pre-rRNA processing, and its activity is regulated by both phosphorylation and acetylation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3, 11 and X and the long arm of chromosome 11. [provided by RefSeq, Aug 2011]