

Product datasheet for **SC330986**

GTF2H3 (NM_001271866) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GTF2H3 (NM_001271866) Human Untagged Clone
Tag: Tag Free
Symbol: GTF2H3
Synonyms: BTF2; P34; TFB4; TFIIH
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330986 representing NM_001271866.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

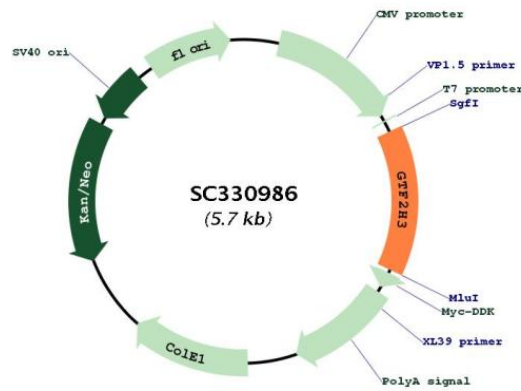
```
ATGGTTTCAGACGAAGATGAATTGAATCTTCTGGTTATTGTAGTTGATGCCAACCAATTTGGTGGGGA
AAGCAAGCATTAAAGGAATCTCAGTTCACTTTATCCAAATGCATAGATGCCGTGATGGTCTGGGAAAT
TCGCATTTATTCATGAATCGTTCACAACTTCTGCTGTGATAGCAAGTCACATTCAAGAAAGCCGATTC
TTATATCCTGGAAAGAATGGCAGACTTGGAGACTTCTTCGGAGACCCTGGCAACCCTCCTGAATTTAAT
CCCTCTGGGAGTAAAGATGGAAAATACGAACCTTTAACCTCAGCAAATGAAGTTATTGTTGAAGAGATT
AAAGATCTAATGACCAAAAGTGACATAAAGGGTCAACATACAGAACTTTGCTGGCAGGATCCCTGGCC
AAAGCCCTTTGCTACATTCATAGAATGAACAAGGAAGTTAAAGACAATCAGGAAATGAAATCAAGGATA
TTGGCTTGACATCACGGGAGGACTGTACCTGAAGGTGCCTCAGATGCCTTCTCTTCTGACGATTTTG
CTGTGGGTGTTTCTTCCCGATCAAGATCAGAGATCTCAGTTAATCCTCCCACCCAGTTCATGTTGAC
TACAGGGCTGCTTCTGCTCAGCAATCTCATTGAAATTGGTTATGTCTGTTCTGTGTGTTTGTCA
ATATTCTGCAATTCAGCCCCATTTGACTACGTGCGAGACGCCTTTAAATTTCTCTGCCTCCAGTG
CTGAAAGCCAAGAAAAAGAACTGAAAGTGTCTGCCTGA
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001271866

Insert Size: 798 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:	NM_001271866.1
RefSeq Size:	3305 bp
RefSeq ORF:	798 bp
Locus ID:	2967
UniProt ID:	Q13889
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Basal transcription factors, Nucleotide excision repair
MW:	29.7 kDa
Gene Summary:	<p>This gene encodes a member of the TFB4 family. The encoded protein is a subunit of the core-TFIID basal transcription factor and localizes to the nucleus. The encoded protein is involved in RNA transcription by RNA polymerase II and nucleotide excision repair and associates with the Cdk-activating kinase complex. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 14. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (2) lacks two in-frame exons but maintains the reading frame, compared to variant 1. This variant encodes isoform b, which is shorter than isoform a.</p>