

Product datasheet for **SC330987**

GTF2H3 (NM_001271867) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GTF2H3 (NM_001271867) Human Untagged Clone
Tag: Tag Free
Symbol: GTF2H3
Synonyms: BTF2; P34; TFB4; TFIH
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330987 representing NM_001271867.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

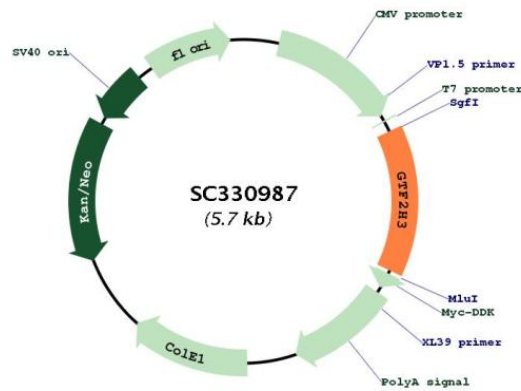
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ATGGTGCTGGAAATTCGCATTTATTCATGAATCGTTCCAACAACTTGCTGTGATAGCAAGTCACATT  
CAAGAAAGCCGATTCTTATATCCTGGAAAGAATGGCAGACTTGGAGACTTCTTCGGAGACCCTGGCAAC  
CCTCCTGAATTTAATCCCTCTGGGAGTAAAGATGGAAAATACGAACTTTAACCTCAGCAAATGAAGTT  
ATTGTTGAAGAGATTAAGATCTAATGACCAAAAGTGACATAAAGGGTCAACATACAGAACTTTGCTG  
GCAGGATCCCTGGCCAAAGCCCTTTGCTACATTCATAGAATGAACAAGGAAGTTAAAGACAATCAGGAA  
ATGAAATCAAGGATATTGGTGATTAAGGCTGCAGAAGACAGTGCCTTGCAGTATATGAATTCATGAAT  
GTCATCTTTCAGCACAGAAACAGAATATTTTGATTGATGCCTGTGTTTTAGACTCCGACTCAGGGCTC  
CTCCAACAGGCTTGTGACATCACGGGAGGACTGTACCTGAAGGTGCCTCAGATGCCTTCTTCTGCAG  
TATTTGCTGTGGGTGTTTCTTCCCGATCAAGATCAGAGATCTCAGTTAATCCTCCCACCCCAAGTTCAT  
GTTGACTACAGGGCTGCTTGCTTCTGTCATCGAAATCTCATTGAAATTGGTTATGTCTGTGTTCTGTGTG  
TTGTCAATATTCTGCAATTTAGCCCAATTTGACTACGTGCGAGACAGCCTTTAAAATTTCTCTGCCT  
CCAGTGCTGAAAGCCAAGAAAAAGAACTGAAAGTGTCTGCCTGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001271867

Insert Size: 804 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_001271867.1
RefSeq Size:	3354 bp
RefSeq ORF:	804 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:	29.8 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 (3) lacks an exon in the central coding region and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (c) has a shorter N-terminus compared to isoform a.</p>