

Product datasheet for **SC322717**

GTF2H2C_2 (NM_001042490) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GTF2H2C_2 (NM_001042490) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTF2H2C_2
Synonyms:	GTF2H2D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322717
 GGTCCGCGTGTGGAAGTCTGTGAGGCGCAGAGGTGGGGCAGGCCGTCTGACTAGCTAGGC
 GGCTGGGAGCGTTTTCTGTGGCGGGGAACGGAGGTTGAATTGCCCTGCCTGGGCTCATAGG
 GAAGGAGGATGTGAAGGAGCTTGTGAAGGCAGAGGAAGGCTGGAGTGCAGTGGCACAAACC
 TTGGCTCGCTCCAGTGTCTACCTCCCAGGTTCAAGTGATTCTCCTGCCTCAGCCTCCCGA
 GTAGCTGGGATTACAGATTATTGAATAATAAAATACAGTTTTGAAAAAATGGATGAAGA
 ACCTGAAAGAACTAAGCGATGGGAAGGAGGCTATGAAAGAACATGGGAGATTCTTAAAGA
 AGATGAATCTGGATCACTTAAAGCTACAATAGAAGACATTCTATTCAAGGCAAAGAGAAA
 AAGAGTATTTGAGCACCATGGACAAGTTCGACTTGAATGATGCGCCACCTTTATGTGGT
 AGTAGATGGATCAAGAACAATGGAAGACCAAGATTTAAAGCCTAATAGACTGACGTGTAC
 TTTAAAGTTGTTGGAATACTTTGTAGAGGAATATTTTGATCAAAATCCTATTAGTCAGAT
 TGGAAATAATTGAACTAAGAGTAAAAGAGCTGAAAAATTGACTGAACTTTCAGGAAACCC
 AAGAAAACATATAACGTCTTTGAAGGAAGCTGTGGATATGACCTGCCATGGAGAGCCATC
 TCTTTATAATCCCTAAGCATGGCTATGCAGACTCTAAAACACATGCCTGGACATACAAG
 TCGAGAAGTACTAATCATCTTTAGCAGCCTTACAACCTGGCATCCATCTAATATTTATGA
 TTTAATCAAGACCCTAAAGGCAGCTAAAATTAGAGTATCTGTTATTGGATTGTCTGCAGA
 AGTTCCGCGTTTGCCTGTACTTGTCTGTAAGTGGTGGCACGTACCATGTTATTTTAGA
 TGAAAGCCATTACAAAGAGTTGCTCACACATCATCTTAGTCTCCTCCTGCTAGCTCAAG
 TTCTGAATGCTCACTTATTCGTATGGGATTTCTCAGCACACCATTGCTTCTTTATCTGA
 CCAGGATGCAAAACCTCTTTCAGCATGGCGCATTTGGATGGCAATACTGAGCCAGGGCT
 TACATTAGGAGGCTATTTCTGCCACAGTGTGGGCAAAGTACTGTGAGCTACCTGTTGA
 ATGTAATACTGTGGTCTTACTTTGGTGTCTGCTCCCCACTTGGCAGGCTTACCATCA
 TTTGTTCCCTTTGGATGCTTTTCAAGAAATCCCCTAGAAGAATAAATGGAGAAAGATT
 TTGTTATGGATGTCAGGGGGAATTGAAAGACCAACATGTTTATGTTTGTGCTGTGTGCCA
 AAATGTTTTCTGTGTGGACTGTGATGTTTTTGTTCATGATTCTCTACACTGTTGCCTGG
 CTGTATTACATAAGATTCCAGCTCCTTCAGGTGTTTGATTCCAGCATGTAGTATACATTGT
 ATGTGTTAAAAAGAAATTTGCAACTGTGAATAAAAGGACTTCTTTAGAAGAAGCTTCATT
 TAAAACATGAAAGGATAATCTGACTTAAGAACTTTTTGCTAAGAAAAGGTAATATTTTA
 TTAATTTTAAATTTGTGTTGTACAGAAATACCTGAAATTCAGTAGTACTTCATTCAAT
 TAATTTTGTCTTATTATTTGAGTTACTGTTTTCAAAGTCATTATGCAGTATGTAT
 AACTTATAAGAATTAATTTGATGTGATAATTTTATGTTTTTATAATTAATATAGAATC
 TTTAAA

Restriction Sites: Please inquire

ACCN: NM_001042490

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).

OTI Annotation: 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.

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:	<u>NM_001042490.2</u> , <u>NP_001035955.1</u>
RefSeq Size:	1843 bp
RefSeq ORF:	1188 bp
Locus ID:	730394
UniProt ID:	<u>Q6P1K8</u>
Cytogenetics:	5q13.2
Protein Families:	Druggable Genome
Gene Summary:	Component of the core-TFIIH basal transcription factor involved in nucleotide excision repair (NER) of DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. [UniProtKB/Swiss-Prot Function]