OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC201240

GTF2H4 (NM_001517) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GTF2H4 (NM_001517) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GTF2H4
Synonyms:	P52; TFB2; TFIIH
ACCN:	NM_001517
Insert Size:	153 bp
Insert Sequence:	>SC201240 3'UTR clone of NM_001517 The sequence shown below is from the reference sequence of NM_001517. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTTTGGAAGCGGCAGAAACATAGCTCCTGAGAGCGCGGGACTTGGACACGGACCTCGGCGGGCGGGACT GGGCGGGGCGGGGCATCAGAACTCAGGTGTTTTTTATTTACGCGTCAGGGCTTTTCTTGTTTAATAAAG TTATGATAGCTAGCA AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCC CAACCTGCCATCACGAGATTTCGATTCCACCGCCGC
Restriction Sites:	SgfI-RsrII
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.
RefSeq:	NM_001517.5

View online »

Summary: Component of the general transcription and DNA repair factor IIH (TFIIH) core complex, which is involved in general and transcription-coupled nucleotide excision repair (NER) of damaged DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. In NER, TFIIH acts by opening DNA around the lesion to allow the excision of the damaged oligonucleotide and its replacement by a new DNA fragment. In transcription, TFIIH has an essential role in transcription initiation. When the pre-initiation complex (PIC) has been established, TFIIH is required for promoter opening and promoter escape. Phosphorylation of the C-terminal tail (CTD) of the largest subunit of RNA polymerase II by the kinase module CAK controls the initiation of transcription.[UniProtKB/Swiss-Prot Function]

Locus ID: 2968

MW: 5.7