

Product datasheet for **RN210074**

Gtf2h4 (NM_212501) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2h4 (NM_212501) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2h4
Synonyms:	MGC156549
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210074 representing NM_212501
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATCACCCCGCAGGGGTGGACTGAACCGAGCACACCTACAATGCAGGAATCTACAGGAGTTCT
 TAGGCGGCTGAGCCCTGGGGTCTGGACCGATTGTATGGACACCTGCCACTTGTCTGGCTGTCTTCAG
 GGAGCTCCCTTTCCTGGCTAAGAACTGGGTGATGAGAATGCTCTTTCTGGAGCAGCTCTACCACAGGCT
 GCCGTGGCCCTGTGGGTGAAGAAGGAGTTCAGCAAGGCTCAGGAGGAAAGTACCGGGCTGTTGAGTGGCC
 TCCGATTTGGCATACCCAGCTGCTCCCGGTGGACTCCAGGCCTCATCTTGAACCCTGTCTCCGCCA
 GAACCTCCGAATTGCTCTTCTGGGTGGGGCAAGGCCTGGTCTGATGACACAAGTCAGCTGGGACCAGAC
 AAGCACGCCCGGATGTCCCTCACTTGATAAGTACGCCGAGGAGCGCTGGGAGGTGGTCTTGCATTCA
 TGGTGGGCTCCCGAGTGCAGCTGTGAGCCAGGACCTGGCTCAACTCCTCAGCCAGGCCGGGCTTATGAA
 AAGCACGAACCCGGAGAGCCACCGTGTATCACTCCGCTGGCTCCAGTTCCTGCTCCTAGACACGCCT
 GCCCAGCTCTGGTACTTCATGCTGCAGTATCTGCAGACAGCCAGAGTCCGGGCATGGATCTAGTGGAGA
 TTCTCTCCTTCTTTCCAGCTCAGTTTCTCTACTCTTGGCAAGGACTACTCCGTGGAGGGGATGAGTGA
 TTCTTTGTTGAATTCCTGCAACACCTGCGTGAATTCGGGCTTGTTCAGAGGAAGAGGAAGTCCCGG
 CGTTACTACCCACACGCCTGGCCATCAACCTCTCATCTGGTGTCTCCGGGGCTGGGGGCACTGTGCACC
 AGCCTGGCTTCATTGTCGTCGAAACCAATTACAGACTGTATGCCTATACCGAGTCGGAGCTGCAGATCGC
 CCTATTGCTCTTTCTCCGAGATGCTCTATCGATTCCCAACATGGTGGTGGCACAAGTGACCCGGGAG
 AGCGTGCAGCAGGCCATCGCCAGTGGCATCACTGCCAGCAGATTATCCATTTCTAAGGACCAGGGCCC
 ATCCAGTGTGCTCAAACAGACTCCTGTGCTGCCCCACCATAACAGACCAGATTCCGGTGTGGGAGCT
 GGAAAGGACAGACTTCGGTTCCTGAAGGCGTTCTGTACAACCAGTTCCTATCGCAAGTGGACTTTGAA
 TTGCTGTGGCCACGCGCGGGAGCTGGGCGTGTGCTGTTGAGAACTCGGCCAAGCGGCTGATGGTGG
 TGACACCGCGGGGCACAGCGACGTCAAGCGCTTCTGGAAGCGGCAGAAGCACAGCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_212501
- Insert Size:** 1392 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:**
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_212501.2](#), [NP_997666.1](#)

RefSeq Size: 1692 bp

RefSeq ORF: 1392 bp

Locus ID: 294236

Cytogenetics: 20p12

Gene Summary: human homolog is a subunit of the transcription factor TFIIF complex and plays roles in transcription and DNA repair [RGD, Feb 2006]