

Product datasheet for **RN202231**

Gtf2h1 (NM_001108485) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2h1 (NM_001108485) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2h1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202231 representing NM_001108485
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAACTTCATCAGAAGAAGTATTGCTGATTGTGAAGAAGGTTTCGTCAGAAGAAGCAGGATGGAGCAC
 TATACCTCATGGCAGAAAAGAAATTGCTTGGGCACCTGAAGGCAAAGACAGATTTACAATCAGCCATATGTA
 GCAGATATTAATGCCAGAAAATAAGTCCAGAAGGAAAAGCTAAGATACAACCTTCAGCTGGTCCTGCAT
 GCAGGGGACACAACAACTTCCATTTTTCCAACGAAAGCACAGCCGTGAAAGAGCGGGATGCAGTGAAGG
 ACCTCCTTCAGCAGCTGCTGCCAAGTTCAAGCGGAAAGCCAACAAGAAGCTGGAGGAGAAGAACAAGT
 GCTCCAAGAAGATCCTGTTTTATTCCAGCTCTATAAAGACCTTGTGTGAGCCAAGTGCAGTGCAGTGCAG
 GAGTTCTGGGCCAACCGTTTAAATGTGAATGCAACAGAGAGCTCTACATCCAGTCACAAGCAGGATGTTG
 GCATTTCTGCAGCATTTCTGGCTGATGTCCGCTCTCAAACAGATGGCTGTAATGGTCTGAGATATAATTT
 AACTTCTGATATCATTGAATCTATATTTAGGACCTATCCAGCAGTAAAAATGAAAATGCAGAACTGTA
 CCACATAACATGACAGAAAAGGAGTTCTGGACACGATTTTTCCAGTCCCATTATTTTACAGGGACCGAC
 TAAATACAGGATCAAAGGACCTCTTTCGAGAATGTGCCAAAATAGATGAAAAGGGATAAAAACAATGGT
 TTCATTAGGAGTAAAAACCCAATGCTAGATTTGACAGCGTTGGAAGATAAACCATAGACGAGGGCTAT
 GGCATTTCTCCGTGCCATCTACTTCCAATCCAATCCAATAAAGGAGAAATAGTAATGCTGCCATCATCA
 AAAGGTTAAACCACACAGTGCCATGGTCTGGCTGCTGGTCTCAGAAAACAACAAGCACAAAATGGACA
 GAATGGTGAGCCAGCAGCGTGGATGGAATTTCTGGAGATACAGACTGCTTTCAGCCAGCAGTCAAGAGG
 GCAAAGTTACAGGAATCCATTGAATATGAAGACTTGGGAAACAACAATTTGTGAAAACGATTGCACTGA
 ATCTCAAGAAGTCAGACAGGTATTATCATGGTCTACTCCAATTCAGTCACTACAGTATGCAACAAGTCA
 GGACATTATTAATTCCTTTCAAAGTATTAGACAAGAAATGGAAGCTTATACACCCAAGTTAACTCAGGTT
 CTCTCAAGCAGCGCTGCTAGTAGCACCATCACAGCCCTGTACCTGGAGGAGCACTTATGCAGGGAGGGA
 CACAGCAAGCAGTAAACCAGATGGTGCCAAACGATATTCAGTCTGAATTGAAACACTTGTATGTGGCTGT
 TGGGGAGCTTCTGCGGCATTTCTGGTCTTCTTCTGTTAATACACCATTCTAGAAAGAAAAGCTGGTG
 ACTCACATAGAGGAGATGCTACAGACGGCTACAACAAGCTGCACTCGTGGCAATCCCGGCCTGATGA
 AGAAGACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108485

Insert Size: 1551 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_001108485.1](#), [NP_001101955.1](#)

RefSeq Size: 2632 bp

RefSeq ORF: 1551 bp

Locus ID: 361580

Cytogenetics: 1q22