

Product datasheet for RN207382

Gtf2a1 (NM_022208) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2a1 (NM_022208) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2a1
Synonyms:	Tf2a; Tflla
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207382 representing NM_022208 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAACTCGGCAAACACAAACACCGTGCCTAAATTGTATAGATCTGTGATTGAAGATGTTATTAATG
ATGTCCGAGACATTTTTCTGGATGATGGAGTGGATGAACAGGTCCTGATGGAACAAAACTTTGTGGGA
GAATAAACTAATGCAGTCTAGGGCAGTAGATGGATTTTCATTGAGAAGAACAGCAGCTTTTGTGCAAGTT
CAGCAGCAGCACCAGCCCAGCAGCAGCAGCATACCACCACCACCACCAGCAGGCGCAACCTCAGC
AAACGGTACCTCAGCAAGCACAGACCCAGCAGGTTCTTATTCCTGCGTCACAGCAAGCTACAGCACCACA
AGTTATTGTTCTGATTCTAAGTTGATACAACATATGAATGCATCAAGTATTACGAGTGTGCTGCTACA
GCTGCTACCTTGGCGCTCCCTGCAGGCGTGACTCCTGTTTCCAGCAGATACTAACAAATTCAGGCCAGCTGC
TTCAGGTAGTCAGAGCAGCCAATGGTGCCCAATATATCTTTCCAGCCTCAGCAGTCAGTTGTTCTACAACA
ACAAGTTATACCACAAATGCAGCCTGGTGGAGTACAAGCGCCTGTTATCCAGCAGGTCCTAGCCCCACTT
CCTGGAGGGATTTACCACAGACCGGTGTCATCATCCAGCCACAGCAAATCTTATTTACAGGGAATAAGA
CTCAGGTCATTCTACGACAGTGGCAGCGCCACACCAGCACAAGCACAGATCCCTGCAGCTGGACAGCA
GCAGCCACAGGCCAGCCTGCTCAGCAGCAGGCTCCATTGGTGTGCAAGTTGACGGAACAGGGGACACA
TCTTCTGAGGAAGATGAAGACGAAGAAGAAGACTATGATGATGATGAAGGAAGATAAAGAGAAGATG
GAGCCGAAGATGGCAGGTGGAAGAAGAGCCCTCAACAGCGAAGATGATGTAAGTATGAGGAAGGGCA
GGAAGTCTTTGACACAGAAAATGTTGTTGTATGCCAGTATGATAAGATACACAGAAGTAAAAATAAATGG
AAATTTTCACTCAAGGATGGCATTATGAATCTTAATGGAAGAGATTATATATTTTCCAAAGCCATTGGAG
ATGCAGAGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022208
Insert Size:	1134 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:	<u>NM_022208.1</u> , <u>NP_071544.1</u>
RefSeq Size:	1134 bp
RefSeq ORF:	1134 bp
Locus ID:	83830
UniProt ID:	<u>O08949</u>
Cytogenetics:	6q31
Gene Summary:	large subunit of transcription factor 2a; human homolog interacts with the TATA-binding protein to act early during preinitiation complex formation [RGD, Feb 2006]