

Product datasheet for **MC203488**

Gtf2e1 (NM_028812) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2e1 (NM_028812) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2e1
Synonyms:	56kDa; 2610024P03Rik; AI303800; FE; TFIIE-A
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056966
 CCGATTAGCGGGCGGTTTCCAAACCGGTCGCAGGAATTAGGCGTTCGTCCTTGTCTCGCAAAGTGGCGTGG
 GCTGGCTGAAGCCGGTAGTTGAGGTGCTGAGGGCGGCTGTAGTGGGAGTGTTCGAGCATCCAATTGGTTG
 AAGGTGAAGCTTCTGTTGAAGATGGCAGACCCAGATGTTCTCACTGAAGTTCGGCGGCATTGAAGCGG
 CTAGCCAAGTATGTCATCCGGGGCTTTTATGGCATTGAGCACGTGTTGGCCTTGGACATCTTGATCCGGA
 ACCCTGTGTAAGAAGAGGACATGCTGGAGCTGCTCAAGTTTGTATCGGAAGCAACTTCGATCCGTTTTT
 GAATAATTTAAAGGGAGACAAGTTCATCAAATACCGCACTCTTGTTAATGTAGTGAAATATAAGCTGGACCACA
 ACCCGCCATAACTACTACTTTCATCAATTACCGCACTCTTGTTAATGTAGTGAAATATAAGCTGGACCACA
 TGAGAAGAAGGATTGAAACAGATGAGAGAAATCCACCAATCGGGCTTCCTTCAAATGTCCTGTCTGCTG
 CAGCACTTCACTGACCTAGAAGCCAATCAACTGTTTGTATCCCATGACAGGAACTTTCGGCTGCACCTTT
 TGCCATACAGAGGTAGAAGAAGATGAATCAGCAATGCCAAAAAAGATGCTCGCACGCTTTTGGCAAGAT
 TTAATGAACAAATTGAGCCCATTTATGCATTGCTTCGGGAGACAGAGGATGTAACTTGGCCTATGAAAT
 ACTTGAACCAGAACCACAGAAATCCCAGCACTGAAGCAAAGCAAGGACCGAGCAGCAACTGCTGCTGGA
 GCTGCTGGCCTGGCAGGTGGGACCACCGAGAGGCGTGGACCAACAAAGGCCCTCGTATGAGGACTTGT
 ATACTCAGAATGTTGTCATTAACATGGATGATCAAGATGATGTGCATCGCCCTCGCTGGAAGGGAAGC
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 GAAGGTGGCATCGATGTGGACACATTTCAAGGAGCGGAGGAAGCCCGTGGGGCCCTGATGACAATGAGG
 AGGTATGCGAGCTCTACTATTGATGAGAAGAAGACTTCTCGGTGACAGCTGGCTCTGTGGGAGCAGC
 CGCTCCGGTGACAGCTGCTAATGGCAGTGACTCTGAGAGTGAGACCAGCGAGTCAGATGATGACTCTCCA
 CCTCGGCCAGCAGCTGCGGCTCCTCCTCATCATCATCGCGATGAAGATGAGGAAGACGAGGAGTTTGAAG
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 GGAGCTGGTGGCCAGATGACCCAGAAGAGAAGGAAGCATAACATAGCCATGGGCCAGCAGTATGTTTGA
 GATCTCTTGGAGTGAGCTTCCCTGCTCCTCCTGCTGCTGCCATTGCGAGAGAACTCCCATCAGGTGCT
 TAAGGGCCTTCCGCCCCGTGAAGAAAGCACCTGGTAATCTAGCACAGAAGCATAGTAGGAGAGCAAAAT
 TGATTTTTTTTTTAAATGTAAGAAACTCCAGAAAGGTAGGTAGTTATAAGTATTCAGTTCCTCTTA
 CTATTAAGTATTAATATTTTTCTATTTCTTTATCTAATTTTTTCTTTTCTTTTAAAGACATAGTTT
 TCTCACTGAGTAAAATGTTCTGTCTACGTTTCAAGACCCCACTAGGGATAAGTGTTCCTAGTATTGC
 AGCTGCACTGTGGTCAGGCGTCTGAGACAATTGCTTATAATCCTGCCAACCAAGCAGCTTACCAAGAAG
 CAGGTCAGTGTAGGGGAATGGAGTACCAAGCACTTTCATCTTCTCAAACACTGAGTGTGGCCAGTCT
 GTAATGGAGTGAGAGAGTACAGGAGAGGGGGCCTGAACCTTAGGTTCTGTGTAAGCTAGAACCCTCG
 TCTGTAGAGCCATAAAGCCGGTAGATTGTTTCTTCTCATAGACCTTTTGGGTTGACTTTAGATAAAC
 AAAGCAGGTTAGTCTACCCGCATGGAGAAATCAAGGAGCACATGCATGAAGGGAAGGAGTCTGCATCC
 AGGTTGACGAATGGAGAGTACTGGAACTGTGCCTTAGAGCTGCCTCAGTGTGATTTGAAATCTCAGAT
 GGAAAGCTGAGACTGGCCCCACTTCCCCACTTGTCTACAGACCTGTGCCAGCGCTCTGAATTGAGGAG
 CCTTCCAGTACTGAGCAGTGTAGAAGTGTGATTCCCCACTTTCCTCACTCTTCCAGAGGTACATAAA
 ACCTTTATTTGTCTCTCCTTTGAGCCTCATCAGATATCGTACTTCAGTGCCTCTACTGTGTTGTTGAGCA
 TTGTAACCTCAAGGAACATAGTCATTAGCATGGTGTATTCTGAAGGCAGAACTAAAAATAAAGGAC
 TTTCATATAAGGTCTACAGCAATGAACTTTTATAGTATTTTCCCTTGCATTGTGACTTTTAGTTGTCAT
 TTTGTAGTATATGTGTAAGCTAAGAAGCTTTTGAAGAATCTGAGCCTTGTATAAAGTGATGACATGGTT
 ACCTGGTTGTTGGATGACTGAATATTGACAGTCACTTACTACAGGGTAAAGCTGGTTAGTTTCTGGCTC
 TGACTTCTGGAGCATACCTACCATGATTACTCTTCCATGTAAGATGTTAGAGGCTCCTCATCGGTCA
 TTGCTTAAAGAGCACAGGTGCAATTTGATGCGACTTAACTTTTGGCAATGAATTGCCTTAAAAACCTT
 TTTATGATTTATCTAAATACATGAACTGTTCAACTTTAAAAATTTGTTTTTAAACCTTCATGGTTGT
 AGAAAGATGTTAATTTGTAACGTTAATTTTTAACTATATGTTCTTTGTTTCTTTTATATGAGATTG
 TGTAAGTTACATTTAGTGTGAAAATGTAATAAAGGCGCTCATTAAAGCTGCATTTGAAATAGAA AAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_028812

Insert Size: 1323 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:	BC056966 , AAH56966
RefSeq Size:	3096 bp
RefSeq ORF:	1323 bp
Locus ID:	74197
UniProt ID:	Q9D0D5
Cytogenetics:	16 B3
Gene Summary:	Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFII E are required for promoter clearance by RNA polymerase.[UniProtKB/Swiss-Prot Function]