

Product datasheet for **MC223706**

Ttf2 (NM_001013026) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttf2 (NM_001013026) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttf2
Synonyms:	4632434F22Rik; 8030447N19; AV218430
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223706 representing NM_001013026 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTGGTTAAGTGTCCGGAGCACGGGACGCCTGCTTCTTAAAGACCGGCGTCCGCGATGGCCGA
ATAAGGGAAGAGCTTCTACGTGTGCCGACGAACACATGCGGCTTCGTGCAGGCCACCGATATTCCTGT
TTCTCACTGTTTATTGCATGAGGAGTTTGTGGTCGAGCTTCAGGGTTTGTTCACACAGGACAAGAAA
GAATGGAGGCTGTTCTTCGATGTGCTAGAACCAAGGCGGAGGGGAAGCAGTGGTGTGGAACGTCCCAT
GGCGGCAGGATCCTAACCTAAAGAACTCTCTGTAAACAGTAAGCCTCAGCAGCCATCTGAGTCACAGCT
TCACTCTCCAGCCAGCCGAGAAACCATTTAGGGTGCTTAACAAGAATCAAAAAACACTCGAACGAAAA
CAGTTTGTGCAAGAAGGTGAGAGAAAGACAGCTGATAAGAAGCTGAGAGAAAACATGAGCAGCTCTTGG
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AACTAGACAGTCTGGAGGTGACAGGGAAGAACAAGAGAAATCAAAGTTCCAGCCCAAACTAAGAAAGCT
GAAGGAATGGCTTCCAAGCAAGGCCATGGAGAGGTGCTTCAAGGAATACCCAAGGGTCTCACATGTCAG
AGAGTGAGAGTCGAGGGGTCCGAACAAGCCAGAGACTCTGAGAGAAAAGGAAACCCAGCTTTTGGTGCC
AAGTGTTCTGGTCAGAACCCAGAAAGCAAGGTCCAGAAAGAGGGACACGTCAGCAGGGAGCCCTCAAG
AACGGGAGGCCCTAGTGCACAGGTCAACAGAGGGGCTCGCTCAGGGGCTCTCCAGGGACCATCCA
AGACTTGAGGCCTGTTCTGAAGCACCAGCAGCACCTGAGCTTTGCTCGGGAATGGCCACCATGCCAC
CTCCAGCAGTGAGGACAGCGAAGATGATGGTGTTCAGTAGGCCGGGTCCCCACTTCTCTTTGACTCG
ACTGTGGACTCACAGAAGAAGGGGAGCCTTCAGCATTCTGACCAGAGTGTGCAGAGACAGATGCCTGCTG
CTTCAGGTGTTTCCAAGAAGGGAGATTCTCTGACCCAGCAGCCAGCGTGCAAACCTAACAACACAGCT
GAAACAAAAGAAGGTACCCTGGCTGCAGTGAACATCCAGGCTCTCCCTGATAAGGGTGAGAAGTTGCTT
AAGCAAATCCAGGCTTTGGAGGACGCACTCAGTGTCTGGCTCTCTCCCAAGAAAGGAAGTAAAGAGA
AGTGCAGCGCTCAGGAACAGAGCAGAGCAACATCACAAAGCTGCTGCTGCCCTCTCCACTTGGTACC
TCCCCAGCCCCTCCAGGCCCTCATCCAGCCTGCAAGCTCTTAGGACTAAAGGCAGGCCGCCAGGAA



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ACTCCTGAGGGAGCCAGCCAGTGTCTCAGGAGGCCATATGAACCAACATCATCTTTATAATGTGTGAAAA
 TCACGAGTGAAGCCATAGATGAGCTGCATCGGTCACTGAAGTCTTGTCCGGTGAAACAGCAGTAGCAGA
 AGACCCAGCTGGCTTGAAGGTCCCCTTGCTACTGCACCAGAAGCAGGCATTAGCCTGGTTACTGTGGAGG
 GAAAGTCAGAAGCCACAAGGAGGGATCCTGGCGGATGATATGGGCTTAGGAAAGACTCTGACAATGATTG
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 TTCCAAGAATGACTCCTCTGTCTTTACTTCCAGTGGAACTGATCGTCTGCCCCGCTTCCCTGATCCAT
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 ACCGGAGTCGGCAGCAAAAGTACTCTCTACGTATGACATCGTGATTACTTACAGCCTTCTGGCCAA
 GGAGATTCTACAACGAAGCAAGAGGGAGAGTCCCAGGAGCAAACTCAGTGTGGAGGGTACCTCAGCA
 CCTTTGCTTCAGGTAGTCTGGGCTCGGATCATTTTGGATGAAGCTCATAACGTGAAAAACCTCGAGTAC
 AGACATCCATTGCTGTGTGAAGCTCCAAGCCAGGCCGGTGGGCTGTCACTGGAACCCCATTCAGAA
 CAACCTGTTGGATATGTATTCAGTGAAGTTTCTCCGTTGCTCCCATTTGATGAGTTCAGTCTTTG
 AAGAGCCAGGTTGACAATGGTTCAATGAAAGGAGGGGAACGGTTAAGCATTTTAACCAAGAGCCTTTTGC
 TGAGGAGAACAAAGACCAGCTGGATTCCACTGGTAAACCTCTGGTAGCACTGCCTGCACGTAGATGCCA
 GCTGCACCGGTTAAAGCTTTCTGAGGACGAGCGGGCGTTTATGACATCTTTCTTGAAGTCAAGGTCA
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 TCAGTAGAGTGGCTCAGGAGTTTGGATCCAGTGTGTCCAGGGCTGCCCTGCGGCAGACTCCCAAAGACC
 CAGCACCGTCCATGTCTGTCCCAGCTTCTGCGGCTTCGCCAGTGTCTGCCATCTTTCTGTGTAAG
 TCGGCTCTGGACCCACAGAAGTGGAGAGCGAAGGCCTTGTCTGTCCCTGGAAGAACAGCTCAGTGCTC
 TGACCTTGTCCAAGGTCGATGTCTCAGAGCCATCACCCACGGTTAGCCTTAATGGCACATGTTTCAAGGC
 GGAGCTTTTTGATGACACACGAAGGAGCACCAAGGTGTCTTCTGTCTGGCAGAACTGGAGGCGATCCAA
 AAAGGCCAGGGTCCCAAAGAGTGTATTGTCTCTCAGTGGACCAGCATGTCTGACGGTAGTAGCACTGC
 ACCTCAAGAAGAACCGACTGACTTACGCCACCATCGATGGCTCTGTCAACCCCAAACAGAGAATGGACCT
 GGTGGAGGCATTTAACCACTCCAGGGACCTCAGGTCTGCTGATCTCCCTCTTGGCTGGCGGTGTTGGA
 CTTAACCTGACTGGAGGAAACCACTTTTCTTCTGACATGCACTGGAATCCCTCACTTGAAGACCAAG
 CTTGTGACCGGATTTACCGAGTAGGACAGAAGAAGGATGTTGTACACAGGTTTGTCTGTGAGGGGAC
 AGTGGAAGAGAAGATCTTACAGCTCCAAGAAAAAAGAAAGATTGGCAAAACAGGTCCTTTCTGGATCC
 GAAGGACCTGTCACCAAGCTCACACTGGCTGACCTCAAGATCCTTTGGCATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001013026
Insert Size:	3417 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001013026.2</u> , <u>NP_001013044.2</u>
RefSeq Size:	4555 bp
RefSeq ORF:	3417 bp
Locus ID:	74044
UniProt ID:	<u>Q5NC05</u>
Cytogenetics:	3 F2.2
Gene Summary:	DsDNA-dependent ATPase which acts as a transcription termination factor by coupling ATP hydrolysis with removal of RNA polymerase II from the DNA template. May contribute to mitotic transcription repression. May also be involved in pre-mRNA splicing (By similarity). [UniProtKB/Swiss-Prot Function]