

Product datasheet for **MC222711**

Taf3 (NM_027748) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf3 (NM_027748) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Taf3
Synonyms:	140kDa; 4933439M23Rik; AW539625; mTAFII140; TAF140; TAFII-140; TAFII140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222711 representing NM_027748
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCGAGAGTTACTCTAGGTCGTTGTTGAGGGTCTCGGTGGCGCAGATCTGCCAGGCGCTGGGCTGGG
 ACTCGGTGCAGCTCAGCGCTGCCACCTCTCACCAGCGTCTGCAGCGCTATCTGCAGCAGCTGGGCCG
 GGGCTGCCATCGTACTCTGAACTCTATGGCCGAACAGACCCCATTTTGATGATGTTGGTGAAGCCTTC
 CACTTATGGGAGTTAATCTGCATGAACTAGAAGACTATATTCATAATATTGAACCTGTCACTTTCCAC
 ATCAAATTCCTTCATTTCTGTTAGCAAGAACAATGTCCTTCAGTTTCCTCAGCCCGGAAGTAAAGATGC
 AGAGGAAAGAAAAGACTACATTCGGATTACCTTCCCCCATCGTGTCTTCTCAAGAAGAGGAGGAAGAG
 GAACAGGTGCCACTGATGGGGCACCTCAGCAGAAGCCATGCAGGTGCCCTTGAAGAAGATGATGAGA
 TGGAGGAGGAGGAAGTCATCAATGATGAGAACTTCTTGGTAAGAGGCCACTGGACAGTCTGAAGTGA
 AGAAATGCCCTCCATGAAGCGCCACGACTCCTGAGCACTAAAGGGGACTCCCTAGATGTTGTGTTGTTA
 GAAGCACGAGAACCCCTCAGCTCTATAAAACCCACAGAAGACCCCAACAGTGCTCTCTCTGTGCGTGTCC
 AGGACAGGGCTGATCTGCCCCCTCCATCACCACAGCCTCCCATGCTGGTCCATTGCAAAGTCACAACT
 ACCAATTGCAAAGCCGTTAGAAACAAAGTCGTTTACACCAAAACAAAGACTAAAGCTAGCTCTCCAGGT
 CAGAAAATAAGTCACCAAGGCTGCCCTATCACCAGCAAGGCTTGAAGTCCTATTGCGTCACCAAAAA
 CCATCCCAAAAGAAAAGAGTCACTGGACGCTCCAAGAGCCCCAAGAGTCTAAGAGCCCCAAGATTGT
 AGCTCATGTTCCCAAAACCCCTGTCAGACCTGAAACACCAATAGGACCCCTTCAGCCATGGTGGTTGAA
 AAACTGTTAAAGAGACCATCCAGTGATGAAACCAACACAGACTCCCCAGAAGTTGTGAACTGAACA
 TTGAAATGCAGCCGAAAAAGCCTGTGGTGACAGACAAAACCATCGATGACTCCATCGATGCTGTGATCGC
 ACGTGCCTGTGCAGAGCGGGAGCCAGACCTTTTCGAGTTTTCTTCGGATCGGAATCGGAAGGAGACACT
 TTTACAAGTCCTAAGAGGATTTAGGCTCAGAGTGCGCCACTCCAAAAGCCTCCACTTCTCCAATAACT
 TCACCAAGTCCCTGGCCACTCCTCTGCCTCTCTCCAGCGAACCTCAAGTTCAGATAACTCGTGGACAAT
 GGATGCCTCTATTGATGAGGTGGTACGGAAGGCAAGCTGGGAGCCCTTCCAACATGCCTCCACCTTC
 CCATATATCTCTCTCCCTCAATTTCTCTCCACTCCTGAGCCTCTACACAAGGGGTATGAGGAGAAAG
 CCAAGCTGCCTTCGTCTGTGGATGTAAGAAAAAGTTGAAAAAGAACTGAAGACTAAGTTGAAAAAGAA
 AGAAAAGCAGCGAGACAGAGAGAGGGAGAGAGAGAGAAAACAAAGAAAGCAAGAGAAAGATAAAATG
 AGAGAGAGGGAGAGAGAGAGAGGCTGGAAGGAAGTAAAGTACCCGTGGAGGGAGCTGATGAAAGACG
 AAGATTCTGATCCCTATAAGTTTAAATCAAAGATTTGAAGACATTGATGCTGCGAAAGTGCGATTGAA
 AGATGGGATCGTGAGGAGAGAGCGAGAGAAACATAAGGACAAGAAGAAAGATCGAGAAAGCAAGCGG
 GAGAAAGATAAGCGAGAAAGGGAAGGCTTAAAGAAAAAACAGAGAAGACAAGATAAAGGCCCTCCAA
 CACAGCTGGTGTGCCCCCAAAAGAAATGGCACTGCCTTTGTTAGCCCTTCAGCAGTGAGGGTCCCGGC
 CATGCTGCCGGCCTTCTACCAATGCTCCAGAAAAACTGTTTGAGGAAAAAGAGAAGCCCAAGGAGAAA
 GAAAGGAAAAAGGACAAAAAGGAGAAGAAGAAGAAGAGAAGGAGAAAAAGGAGAAGAAAGAGA
 GGGAGAGGGAGAAGGAGAGAAGGAGAGAGAGAAGAGAGAAGGAGAAGGAGAAGCACAACATGAGAA
 GATAAAAGTGGAGCCTGTATCCCTGCCCAAGTCCAGTTATCCCAGGTTGACTCTGCGAGTTGGCGCT
 GGCCAGGACAAGATTGTTATCAGCAAGGTGGTACCAGCCCCGGAGGCTAAGCCCGCTCCTTCTCTGAACA
 GACCAAAACCCACCTCCAGCCCCAGTCCCTATTCTGTGCGAGTGAGCCCTACTCCCCTGCAGCCACC
 ACTCCTCACCCAGGCTGCAGTGTGCCAGCCCTGATGCCATCCCAGCTCCCGCCCTCTCTGGAATAGGG
 AGTGCCAAAGCCCCGTGAGGAGCGTCTGACTGAGACGGTCAGCACTTATGTGATCCGTGATGAGTGGG
 GCAATCAGATCTGGATCTGTCCAGGTGCAACAAGCCTGATGACGGGAGCCCGATGATTGGCTGTGACGA
 CTGTGACGATTGGTACCACTGGCCCTGTGTGGGAATCATGGCTGCTCTCCAGAAGAGATGCAGTGGTTC
 TGCCCGAAGTGTGCCAACAAGATAAAGAAAGACAAGAAGCACAAGAAGAGGAAGCACCGTGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_027748
Insert Size:	2799 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_027748.3</u> , <u>NP_082024.2</u>
RefSeq Size:	4821 bp
RefSeq ORF:	2799 bp
Locus ID:	209361
UniProt ID:	<u>Q5HZG4</u>
Cytogenetics:	2 A1
Gene Summary:	Transcription factor TFIID is one of the general factors required for accurate and regulated initiation by RNA polymerase II. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Required in complex with TBPL2 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process.[UniProtKB/Swiss-Prot Function]