

## Product datasheet for MR224528

### Taf2 (NM\_001081288) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Taf2 (NM_001081288) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Taf2
Synonyms:	150kDa; 4732460C16Rik; AI425886; CIF150; TAF2B; TAFII-150; TAFII150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224528 representing NM_001081288 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGCCACCGCTTAGAGTCTCCAGGATGAACAGGAAGAAAGGAGACAAGGGCTTCGAAAGCCCAC  
GGCCGTACAAATTAACCCATCAGGTCGTCTGTATCAACAACATAAACTCCAGCGAAAATCAGTTGTGGG  
ATTTGTGGAGCTGACTATATTTCCACAGTTGCCAACTGAATAGAATTAAGTTGAACAGTAAACAGTGT  
AGAATATACCGAGTCCGGATCAATGACTTGGAGCCGCTTTTATTTATAATGATCCAACCTTAGAAGTTT  
GTCACAGTGAATCGAAACAGAGAAACCTCAATTATTTTCCAATGCGTATGCAGCTGCAGTCAGTCTGT  
GGACCCTGATGCGGGAAATGGAGAACTCTGCATTAAGGTTCCCTCAGAGCTCTGGAACATGTCGATGAG  
TTGAAGGTCCTGAAGATACATATTAATTTTTCTTTGGATCAACAAAAGGAGGTCTTCATTTTGTGGTAC  
CCAGTGTAGAGGGGAGTATGGCAGAGAGAGGTGCTCATGTCTTCTTGGGGTATCAAAATTTCTACAAG  
ATTTTGGTTCCCGTGTGTCGATTCATACTCTGAGCTGTGTACCTGGAAGTTAGAATTTACAGTAGATGCT  
GCAATGGTAGCCGTGTCATGAGATTGGTGGAGACCGTGTATACCATGACATGAGGAAGAAGACCT  
TCCATTATGCTTACTATTCCTACTGCAGCATCCAATATCTCCTGGCCATTGGACATTTGAAATACT  
CGTGGATCCATACATGCATGAGGTTACCCATTTTGTGGCTCAACTTCTCCGTTACTTAAACATACT  
ACGTATACATTCACGAAGTTTTGAATTTTGAAGAAATTTGACTTGTGCTATCCGTTACTCCTGTT  
TTAAGACGGTCTTCATTGATGAGGCATATGTTGAAGTGGCCGCTTACGCTTCTATGAGCATTTTCAGCAC  
AAACCTTCTGCACAGCGCATGATTATAGACGAGACGCCGCTGACCAGACGGTGTGGCACAGGCTTTA  
GCACAGCAGTTCTTCGGATGTTTCATATCCAGGATGTCTTGGTCTGATGAATGGGTGCTGAAGGGAATTT  
CAGGCTATATTTATGGACTGTGGATGAAAAAACATTCGGAGTCAATGAGTACCACCATTGGATTAAGA  
GGAGCTAGATAAAATAGTGGCGTATGAACTGAAAACTGGGGAGTTTTGCTTCATCCCATATTTGGTGGT  
GGAAAAGAAAAGGATAACCCCGCATCTCACCTCCACTTTCCATAAAGCATCCACATACACTGCTCTGGG  
AGTACTACACTATGTTCCAGTGTAAAGCTCACCTCGTGATGAGACTGATTGAAAACAGAATCAGCATGGA  
ATTTATGCTGCAAGTTTTCAATAAACTACTAAGTCTGGCCAGCACTGCTTCGTCAGAAGTTCCAGTCA



[View online »](#)

CATATGTGGAGCCAGATGCTGGTTTCCACTTACGGGTTTTTGAAGTCCATTTCCAATGTCTCTGGCAAAG  
ACATCCAGCCCCTAATAAAGCAGTGGGTAGACCAGAGTGGAGTGGTAAAGTTTTACGGAAGTTTTGCGTT  
TAATAGAAAACGAAATGTTTTAGAACTAGAAAATAAAGCAAGATTACACATCTCCTGGCACCAGAAGTAC  
GTGGGACCTCTTAAAGTGACAGTGCAAGAGTTAGATGGATCCTTCAACCATACCTTGCAAATTGAAGAAA  
ACAGCCTTAAACATGACATACCTGCCACTCCAAGAGCAGAAGGAATAAGAAGAAAAAATCCCCTGAT  
GAATGGGAAGAAGTTGATATGGATCTTCTGCAATGGATGCTGATTCCCCTTTGTTGTGGATAAAGGATA  
GACCCAGATATGTCGGTCTGAGGAAGGTGGAGTTTGGCAGGCTGATTTTATGTGGCAGTATGAGCTCC  
GCTATGAGAGAGATGTTGTTGCTCAGCAGGAATCCATCTTGGCCTTGAAAAAATCCCCTCCTCGGCATC  
GCGCCTTGCCTCACTGATATACTAGAGCAAGAGCAGTGTCTACCGAGTCAGGATGTCAGCGTCTTC  
TGTCTTGCAAAGATTGCCAACTCAATGGTGGACAGTGGACAGGGCCGCCAGCCATGAAGTCTCTCTTTA  
CTAGAATGTTCTGCTGTAAAACCTGCCCAACATTGTGAAGACAAAACACTTCATGAGTTTCCAAAGCTA  
CTTTCTGCAGAAGACTATGCCGGTTGCAATGGCTTTGTTAAGAGATGTACATAACCTTTGCTCTAAAGAA  
GTTTTAACATTTATTTAGACTTAATCAAGTACAATGACAACAGAAAAAATAAGTTTTAGATAACTATT  
ATCGTGCAGAAAATGATTGATGCCCTTGCTAACTCAGTTACACCTGCTGTCAGTGTGAATAATGAAGTCAG  
AACTTTGGATAACTTAAATCCTGATGTGGGACTAATTCTGAAGAAATAACCCGGTTTCTGAATATGGAA  
AAGCTTCTCCCAAGTTACAGACACACCATCACTGTCAGTTGCTTGAGAGCCATCCGGGTGCTTCAGAAGA  
ACGGGCACGTGCCGAGTATGCATCTCTTCAATCCTACGCCGAGTATGGCCACTTTGTGGACATCAG  
GATAGCAGCTCTGGAAGCCGTCGTTGATTACACTAAAAGTGACAGGAGTTATGAAGAACTTCAGTGGCTA  
CTTAATATGATTCAGACTGACCTGTCCCTATGTGAGGCATAAGATTCTAAACATGCTGACTAAAAATC  
CACCATTTACAAAGAACATGGAATCTCCTTTATGCAACGAAGCCCTGGTAGATCAGCTCTGGAAGCTGAT  
GAATTCTGGCACTGCACATGACTGGAGGTTACGGTGTGGTGTGACTTGTACTTCACGCTGTTTGGC  
CTCAGCAGACCGTCTTGCTTACCCTTGCCAGAGCTCGGGCTTGTCTTAACTAAAAGAGAAGAAAGCTG  
TCTTGAATCCTACCATTATCCAGAAGCTGGAGTAGGCAACCAGGAGTCTGCGAGTAACCCAGGCTGCCA  
CGCTCAGCTAGCTGGATTCCAGAACCCTTTTTCAAGTTCTCAGGATGAGGAGGAGTTGACATGGATACT  
GTTGATGACAGTCAAGCCTTCTCTCCCATCATCTGAACATGCTCGAAAGGCCGTCCTCCTCAGGGCTCT  
CTAAGTACCGCCGTCGGCTCCAGATCCTCCTAATGCCCCAGCATTATTAGGCTGTGACATCACACC  
ACCCACAAAACCCAGTGGAGTATGGAGCTGTCCCGAAAGGGAGCAGGTAAGAGCAGCCTTTGGAGATG  
GGTGTGCATTCCATGGTGGCAGCCCGCTCTCCATGTTTGTGTAAGGAGGCTCTGTCATCGCGACACAGCG  
AGCACCATCACCACCATCACCATGAGCACAAGAAGAAGAAGAAGCACAAGCACAACACAAGCACAA  
GCACAAGCAGCAGCAAGGACAAGGACAGGGAGCCCTTCGCCTTCTCCAGCCCTGCCAGCGGCAGGCT  
GTGCGCTCCCCCTCACTCTCAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR224528 representing NM\_001081288  
 Red=Cloning site Green=Tags(s)

```

MPPTGLESSRMNRKKGDKGFESPRPYKLTHQVVCINNINFQRKSVVGFVELTIFPTVANLNRIKLNKQC
RIYRVRINDLEAAFIYNDPTLEVCHSESKQRNLNYFSNAYAAAVSAVDPDAGNELCIKVPSELWKHVDE
LKVLKIHINFSLDQPKGGLHFVVPVSEGSMAERGAHVFCGYQNSRTRFWFPCVDSYSELCTWKLEFVDA
AMVAVSNGLVETVYTHDMRKKTFHYMLTIPTAASNISLAIGPFEILVDPYMHEVTHFCPLQLLLKHT
TSYIHEVFYEEILTCRYPYSCFKTVFIDEAYVEVAAYASMSIFSTNLLHSAMIIDETPLTRCLAQAL
AQQFFGCFISRMSWSEWVLKGISGYIYGLWMKKTFGVNEYHHWIKEELDKIVAYELKTGGVLLHPIFGG
GKEKDNPAHLHFSIKHPHTLSWEYTMFQCKAHLVMRLIENRISMEFMLQVFNKLLSLASTASSQKFQS
HMWSQMLVSTYGFLLKISINVSQKDIQPLIKQWVDQSGVVKFYGSFAFNKRNVLELEIKQDYTSPGTQKY
VGPLKVTVQELDGSFNHTLQIEENSLKHDIPCHSKSRRNKKKIPLMNGEEVMDLSAMDADSPLLWIRI
DPDMSVLRKVEFEQADFMWQYELRYERDVVAQQESILALEKFPTPASRLALTDILEQEQCFYRVRMSACF
CLAKIANSMVSTWTGPPAMKSLFTRMFCKTCPNIVKTNFMFSQSYFLQKTMVAMALLRDVHNLCPKE
VLTFFILDLIKYNDRKKNFSDNYRAEMIDALANSVTPAVSVNNEVRTLDNLNPDVRLILEEITRFLNME
KLLPSYRHTITVSLRAIRVLQKNGHVPDASLFSYAEYGHFVDIRIAALEAVVDYTKVDRSYEELQWL
LNMIQTDPVPYVRHKILNMLTKNPPFTKNMESPLCNEALVDQLWKLMSGTAAHDWRLRCCGAVDLYFTLFG
LSRPSCLPLPELGLVNLKEKAVLNPTIIEAGVGNQESASNPQCHAQLAGFQNPFSQDEEEVDMDT
VHDSQAFISHHLNMLERPSTPGLSKYRPSGSRSSLMQHSGLGCDITPPTKPQWSMELSRKAGKEQPLEM
GVHSMVAAPLSMFAKEALSSRHSEHHHHHHHEHKKKKKHKHKHKHKHKHSDKDKDREPFASFSPASGRS
VRSPSLSD
  
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9099\\_g10.zip](https://cdn.origene.com/chromatograms/mm9099_g10.zip)

**Restriction Sites:** SgfI-MluI

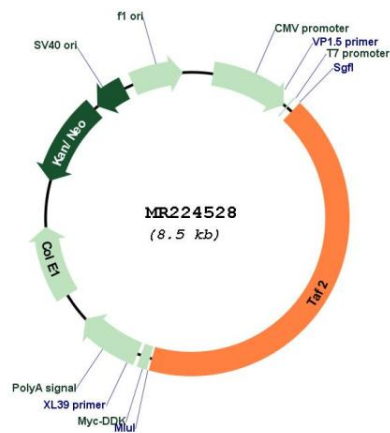
**Cloning Scheme:**



**ACCN:** NM\_001081288

**ORF Size:** 3594 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001081288.1, NP_001074757.1</u>
<b>RefSeq Size:</b>	5033 bp
<b>RefSeq ORF:</b>	3597 bp
<b>Locus ID:</b>	319944
<b>Cytogenetics:</b>	15 D1
<b>MW:</b>	136.9 kDa

**Product images:**


Circular map for MR224528