

## Product datasheet for **RR211457**

### Taf6l (NM\_001107575) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Taf6l (NM_001107575) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Taf6l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR211457 representing NM\_001107575  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCACAGTTCCTACTGGAGCCATGTCAGAAAGAGAAGAGAGGCGGTTTGTGGAGATCCCTCGGGAGTCAG  
 TCCGGCTCATGGCAGAGAGCACCAGGCTGGAGCTGAGTGACGAAGTGCCGCTCTGCTTGTGAAGATGT  
 GTGCTACCGTCTCAGAGAGGCCACCCAGAACAGCTCTCAGTTCATGAAACACACCAACGAAGGAACTG  
 ACAGTGGAGGACTTCAACAGGGCTCTCAGGTGGAGCAGTGTGGAGGCTGTGTGTGGCTATGGGTCCCAGG  
 AGGTGTTGCCCTTGCCTGCAAGGGAGGGGAACTCTACTTTCCAGAGGATCGAGAAGTGAACCTGGT  
 GGAGCTGGCACTGGCCACTAACATCCCCAAGGGCTGTGCAGAGACAGCCGTGAGATTGATGTCCTAT  
 CTGGATGGCAAGGAAATCTGGCACCTCAGGGATCAGTCCCAGTGCAGTGTCTTACTGACAGATGACC  
 TGCTCAAATACTACCAGCAAGTACACGGGCTGTGCTGGGCGATGATCCACAGCTGATGAAGTTGCCCT  
 CCAGGACCTGCAGACAACTCCAAGATTGCAGCACTCCTGCCTACTTTGTTTATGTGGTCAAGTGGGTA  
 AAATCTGTAAGCCACGACTGGAGCAGCTGCACCGACTACTGCAGGTAGCACGGAGCCTGATACGGAACC  
 CACACCTCTGCTTGGGGCCCTATGTCCGATCTCTGGTGGGCGAGCGTCTTACTGTGTCTTGGAGCCACT  
 GGCTGCCTCCATCAACCTTTGAATGACCACTGGACTCTGCGAGATGGGGCTGCCCTCCTACTCAGCCAC  
 ATCTTCTGGACTCATGGAGACCTTGAAGTGGCCTCTATCAGCAGATTCTGCTCTCCCTGCAGAAGGTCC  
 TGACAGACCCTGTACGGCCTCTCTGTTCTACTATGGGCGAGTGGTAGGGCTGCATGCTCTAGGCTGGAA  
 GGCAGTGGAGCGAGTCTCTACCCACATCTGCCTACTTACTGGACAACTTGCAGGCTGTGCTGGATGAC  
 TATTCGTATCTAATGCCAGGTCAAAGCAGATGGGCACAAAGTATATGGAGCTATTCTGGTAGCCGTAGC  
 AGCGACTACTTAAGATGAAAGCCAGGCAGCAGAACCCAAACCGGGTGGCCTTGGCGGGAGAGGTTACCG  
 TCCTGCGGAGGACTGCCTTGGGACAGCCTTCTTTACAAGAGTCTCCCCCTGGGGCGGTTCCGAACCA  
 GGTTTTGGGTCTGGCCTCTGCTGCCGTGAGGGTTGCGGGATCAGAGGATCCTTCTTCTTGCACCTAG  
 CAGACATCTACCGTGAATACTACTCCTTCTTGGTACAGCCTGGCCACCCGCTTCGGCACTGGCCAGCC  
 TGCTCCCACGGCCCCACGACCGCCGGAGACAAGAAGGAGCCTGCAACTACCCCGGATTAGTGGCGAAA  
 ATGCCGAGCTGACTGCCAGCGCGTGGTACGCCCTCAGGGTACGAAAGCCATGCGGTGGAACCTCG  
 CCGCCGCAACGCCACCTCGGAGAGCAGCCGCTACCTCGTGTACACCGGGCGGAGGCGCTCCTCGTCA  
 GCAGGGTCCCGGCGGGAAACGCGAGACGTCTTCCAGAAGAGCCGCTTCGCGCCCCGCGGCCCTCAC  
 TTCGGTTTATAATCGCAGGGCGTCAAGCCGGGCGCGCTGCCGCGGGCGCTTTCAAAGTCTTTCC  
 CTGACCGTATGGGCCAGTCCCAGTCCCGCTACGTGCAGAAGTTGCCATGATCGGCCGACTGGCCG  
 CCCGGCCCCGCGTGGGCGCTCTCAGACTATTCGCTGTACCTGCCGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR211457 representing NM\_001107575  
 Red=Cloning site Green=Tags(s)

MHSSTGAMSEREERRFVEIPRESVRLMAESTGLEL SDEVAALLAEDVCYRLREATQNSSQFMKHTKRRKL  
 TVEDFNRLRWSSVEAVCGYGSQEVLP LRPAREGEL YFPEDREVN LVELALATNIPKGAETAVRVHVS Y  
 LDGKGNLAPQGSVPSAVSSLTDDLKYYQQVTRAVLGDDPQLMKVALQDLQTNKIAALLPYFVYVYVSGV  
 KSVSHDLQLHRLQLVARSLIRNPHLCLGPYVRSLVGSLVYCVLEPLAASINPLNDHWTLRDGAALLLSH  
 IFWTHGDLVSGLYQQIILLSLQKVL TDPVRPLCSHYGAVVGLHALGWKAVERVLYPHLPTYWNLQAVLDD  
 YSVSNAQVKADGHKVGAILVAVERLLKMQAAEPNRGGLGGRGYRPAEDLPWDSLLLQESPPGGGSEP  
 GFGSGLLLPSGVAGSEDPSSLTLADIYRELYSFFGDSLATRFGTGQPAPTAPRPPGDKKEPATT PDSVRK  
 MPQLTASAVVSPQGDSPCGGTLAAANATSESRPLPRVHRARGAPRQQPGAGTRDVFQKSRFAPRGAPH  
 FRFIIAGRQAGRRCRGRLFQTAFPAPYGPSPASRYVQKLPIMIGRTGRPARRWALSDYSLYLPL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

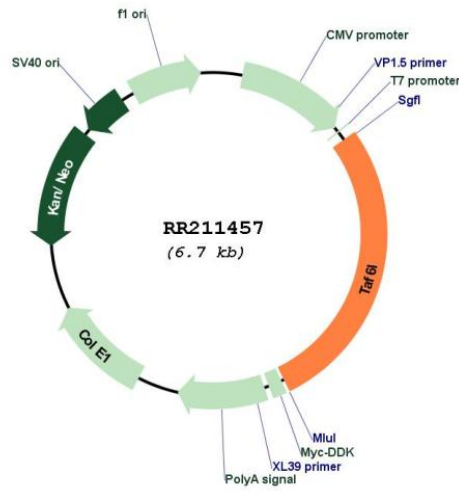
Cloning Scheme:

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM\_001107575

ORF Size: 1869 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>	<a href="#">NM_001107575.1</a> , <a href="#">NP_001101045.1</a>
<b>RefSeq Size:</b>	2049 bp
<b>RefSeq ORF:</b>	1872 bp
<b>Locus ID:</b>	309194
<b>Cytogenetics:</b>	1q43
<b>MW:</b>	68 kDa