

## Product datasheet for **RR204554**

### Tbp (NM\_001004198) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tbp (NM\_001004198) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tbp  
**Synonyms:** TFIID  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR204554 representing NM\_001004198  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGACCAGAACAACAGCCTTCCACCTTATGCTCAGGGCTTGGCCTCCCCACAGGGTGCCATGACTCCTG  
GAATCCCATCTTCAGTCCAATGATGCCTTACGGCACAGGGCTTACTCCACAGCCTGTTCAGAACACCAA  
TAGTTTATCTATTTTGAAGAGCAACAAAGACAGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAA  
CAGCAGGCAGTAGCAACTGCAGCAGCCTCAGTACAGCAATCAACATCTCAGCAGCCACACAGGGTGCTT  
CAGGCCAGACCCACAACCTTCCATTCTCAAACCTCTAACCACAGCACCATTGCCAGGCACCACCCCTT  
GTATCCTTACCAATGACTCCTATGACCCCTATCACTCCTGCCACACCAGCCTCTGAGAGCTCTGGGATT  
GTACCACAGCTCCAAAATATTGTATCCACCGTGAATCTTGGCTGTAAACTTGACCTAAAGACCATTGCAC  
TTCGTGCCAGAAATGCTGAATATAATCCCAAGCGGTTTGCTGCAGTCATCATGAGAATAAGAGAGCCACG  
AACAACTGCGTTGATCTTCAGTTCTGGGAAAATGGTGTGCACAGGAGCCAAGAGTGAAGAACAATCCAGA  
CTAGCAGCAAGAAAATACGCTAGAGTTGTGCAGAAGCTGGGCTTCCAGCTAAGTTCTTAGACTTCAAGA  
TCCAGAACATGGTGGGAGCTGTGATGTGAAGTTCCCCATAAGGCTGGAAGGCCTTGTGTTGACCCACCA  
GCAGTTCAGTAGCTATGAGCCAGAATTATTTCTGGATTAATCTACAGAATGATCAAACCCAGAATTGTT  
CTCCTTATTTTCTGGAAAAGTTGTATTAACAGGTGCTAAAGTTAGAGCAGAGATTTATGAAGCAT  
TTGAAAACATCTACCCCATCTTAAAGGGATTCAGGAAGACCACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR204554 representing NM\_001004198  
Red=Cloning site Green=Tags(s)

MDQNNSLPPYAQGLASPQGAMTPGIPIFSPMPYGTGLTPQPVQNTNSLSILEEQQRQQQQQQQQQQQQQ  
 QQAVATAAASVQQSTSQQPTQGASGQTPQLFHSQTLTTAPLPGTTPLYPSPMTPMTPITPATPASESSGI  
 VPQLQNIYSTVNLGCKLDLKTIALRARNAEYNPKRFAAVIMRIREPRTTALIFSSGKMVCTGAKSEEQSR  
 LAARKYARVVQKLGFPKFLDFKIQNMVGS CDVKFPIRLEGLVLTHQQFSSYEPELFPGLIYRMIKPRIV  
 LLIFVSGKVVLTGAKVRAEIEAFENIYPILKGFRTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

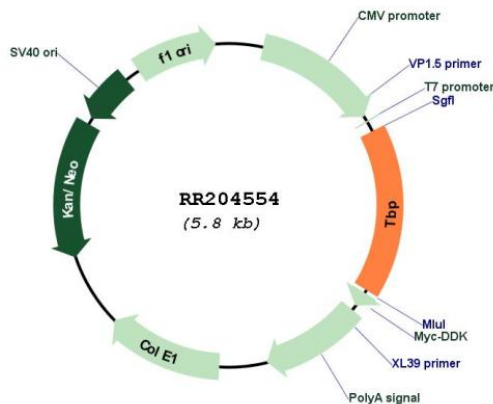
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001004198

**ORF Size:** 954 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_001004198.1</a> , <a href="#">NP_001004198.1</a>
<b>RefSeq Size:</b>	1923 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	117526
<b>Cytogenetics:</b>	1q12
<b>MW:</b>	35 kDa
<b>Gene Summary:</b>	mouse homolog binds to TATA box promoter element; involved in activation of eukaryotic genes [RGD, Feb 2006]