

## Product datasheet for **RR208696**

### Tcf711 (NM\_001107865) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tcf711 (NM_001107865) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tcf711
Synonyms:	Tcf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR208696 representing NM\_001107865  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCCAGCTCGGTGGTGGCCGCGGTGGCCGCGCCGGGGAGGCGGTGGCTCCGGAGCCGGGCAA  
 CCAGTGGAGGGGACGACCTCGGAGCGAACGACGAGCTGATCCCCTTCCAGGACGAGGGGGCGAAGAGCA  
 GGAGCCGAGCAGCGACAGCGCTTCGCGCGAGAGGATCTGGATGAGGTCAAGTCGTCCTGGTCAACGAA  
 TCGGAGAATCAGAGCAGTACTCGGACTCCGAGGCGGAGAGGCGCCCGCAGCCCGCCGGGACGCTTTCC  
 AGAAGCCGCGGACTATTTCCGCGAAGTGAAGAAGCCCGAGGACGGCGCTTTCTTTAAGGACCTGCGTA  
 CCCTGGGTACCCCTTCTGATGATTCCAGACCTGAGCAGCCATACTCTCCAATGGACCCTGTCTCT  
 GGTGGAGCGCGCACCTACCTGCAGATGAAATGGCCCTCTCGATGTCCCCTCCAGCGCTACAGTCAAGG  
 ACACAAGATCACCATCTCAGCACACTTGTCCAACAAAGTCCCTGTTCTTCAGCATCCTCATCACCTACA  
 GCACCCGCTGACCCTCTCATCACTACAGCAACGACCCTTCTCCCCGCGTCCCCTCCCACACATCTG  
 TCCCCAGAGATCGACCCAAAGACAGGTATCCCCGGCCCCCTCACCCATCTGAGCTGTACCGTATTACC  
 CACTGTCTCCAGGAGCTGTTGGACAAATCCCCATCCCCTCGGCTGGCTCGTCCCACAGCAAGGACAGCC  
 CATGTACTCACTCCCTCTGGTGGTTTCCGGCACCCCTTACCCTGCCCTTGCCATGAATGTTCAATGTCC  
 AGCCTGGTCTCAAGTCGGTTCTCCCCACACATGGTGGCTCCTGCCATCCTGGTCTGCCACCTCAGGAA  
 TCCCCACCCTGCCATCGTCTCCCCATTGTGAAGCAGGAGCCAGCGCCCCCAGCCTGAGCCCTGCAGT  
 GAGTGGCAAAATCCCCGTTACCGTGA AAAAGGAAGAGGAGAAGAAGCCTCACGTGAAAAGCCTCTCAAT  
 GCCTTCATGTTGTATATGAAGGAGATGAGGGCAAAGTGGTGGCCGAGTGTACCTGAAGGAAAGTGCAG  
 CCATTAACCAAACTCTGGGAAGAAAGTGGCACAACCTGTCAAGAGAAGAACAGGCCAAATACTATGAAT  
 TGCCCGAAAGAACGGCAGCTTACGCGCAGCTTACCCAACCTGGTCAAGCCGGGACAACATATGGTAAG  
 AAGAAGAAGAGGAAGAGGAAAAGCAGCTGTACAGACACAGTCTCAGCAGCAAATCCAGGAGGCAGAGG  
 GTGCTCTGGTCTTAAGAGCAAGAAGCCATGCATTCACTACCTGCCCCCTGAGAAGCCTTGATAGCCC  
 TCGCTTCTCCATGGCAGCACGTTGGACTCCCCTGCGACTCCCTCCGAGCCCTGGCGTACCAGCTGCC  
 CCTGCGGCTACTCACTCCGAGCAAGCCAGCCCTGTCACTCACCACAAACCGGAGACCCGGGCCAGC  
 TGGCTCTCACTCAGCTGCCTTCTGTAGCTAAGGCCACAGCCAGCAACTCCAGCCAGATGGGCAGCCA  
 GCCCCACTCCTATCCAGGCCCTGGCCCTTGGGCTCTATGCCACCGCTCTGCTGACCTCTCCCCCTTCT  
 TCCCAGCCACGCTCCATGCCACCAGACCCTCCCGTGTACAGGCCAGCCTCTTCTTGGTACCA  
 AGTCTGCCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR208696 representing NM\_001107865  
 Red=Cloning site Green=Tags(s)

MPQLGGGRGGAGGGGGSGAGATSGGDDLGADELIPFQDEGGEEQEPSSDSASAQRDLDDEVKSSLVNE  
 SENQSSSDSEAERRPQPARDAFQKPRDYFAEVRPQDGAFFKGPAYPGYPFLMIPDLSSPYLSNGPLSP  
 GGARTYLQMKWPLLDVPSATVKDTRSPSPAHLSNKVPVLQHPHHLQHPLTPLITYSNDHFSPASPPTH  
 SPEIDPKTGIPRPPHPSELSPYYPLSPGAVGQIPHPLGWLVPQQGQPMYSLPPGGFRHPYPALAMNASMS  
 SLVSSRFSPHMVAPAHPLPTSGIPHPAIVSPIVKQEPAPPSLSPAVSAKSPVTVKKEEEKKPHVKKPLN  
 AFMLYMKEMRAKVAECTLKESAAINQILGRKWHNL SREEQAKYELARKERQLHAQLYPTWSARDNYGK  
 KKKRKREKQLSQTQSQQIQEAEGALVSKSKKPCIQYLPPEKPCDSPASSHGSTLDPATPSAALASPAA  
 PAATHSEQAQLSLTTKPETRAQLALHSA AFLSAKATASNSSQMGSQPPLLSRPLPLGSMPTALLTSPPS  
 FPATLHAHQTLPLVLAQPLSLVTKSAH

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

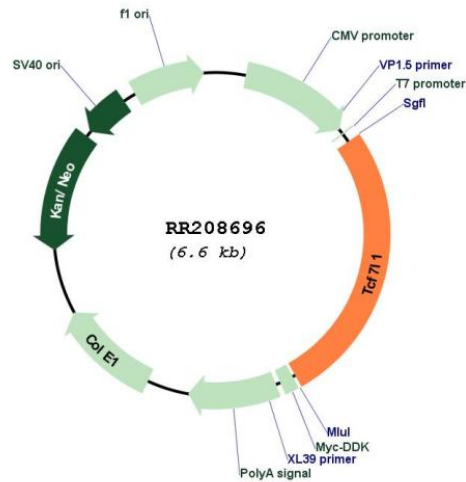
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



ACCN: NM\_001107865

ORF Size: 1761 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_001107865.1</a> , <a href="#">NP_001101335.1</a>
<b>RefSeq Size:</b>	2736 bp
<b>RefSeq ORF:</b>	1764 bp
<b>Locus ID:</b>	312451
<b>Cytogenetics:</b>	4q31
<b>MW:</b>	62.8 kDa