

## Product datasheet for **MR207822**

### **Tcp11 (NM\_001085555) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tcp11 (NM_001085555) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tcp11
Synonyms:	D17Ken1; Tcp-11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>MR207822 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCAGACGTGAAAGAGAGGGCGGCCCGGAAGGAGCCCGCGCGCAGAGAGCGCTCCCGTGAATCCC  
 GCGGGGAAACACCCGGGAGAGCGGAGAGCGCCAGGGGCACCGATCGTGTATGACGGAGAGAGTCCA  
 TGACGCTTCCAAGCTTGATTGTCAAGTTGGAAGAAAGAGTTTATCTTCAAGCAGCCTGAAAGGCAAGGTC  
 AAGGACACCATGCCAGCGACTTCTGGGAGCATCTGAATGAGCAGCTGTGAGCCGTGCCCCCGACTTCA  
 GCTGTGCTCTTGAGCTTCTGAAGGAGATCAAAGAGATCCTGTTGTCCCTGCTGCTGCCACGGCAGAGCCG  
 CCTGAAGAATGAGATCGAGGAAGCTCTGGACATGGAGTTCCTCCAGCAGCAAGCCGACCGCGGAGACCTG  
 AATGTCTCTACCTCTCCAAGTATATCCTCAACATGATGGTCTTGTGTGTGCGCAATCCGAGACGAGG  
 CTGTGCAGAGACTTGAGAACATTTAGATCCGGTCCGGTCTGAGGGGGATCTCCAGGTCTTGGGACA  
 GATGAAAATGGACATGGTGAACACACCATCCAGAGCCTCCAGCCCGAGTTCAGGAACACTCCGTCCAG  
 TTTGAGCGGGCTCAGTTCAGGAGCGCCTCAACAAAGAGCCAGACTCCTCAACCACACCAGGAAGTGGC  
 TACCCAGGGCGCCACACAGCTCATTGCCCCCTCTGCCAGTTCCTCTGACTTGCAGGACTGCTCCAGCTC  
 GGCCGGCCATCTCCCAGTGATGTGCGCGTCCCAGAGCCACTCAGCCCGCGATGGTGTCTCAAGGA  
 TTCTGAACTTCTCACCTGGGACCCTGAGAATGAAGAGTTTCTGAAACCTAGTGGCAGACAGACCCC  
 GGCTGCAGGAGCTGGAGTCGCAGCAGAGTCAGTAACCATCCTTGCTCTGTCTTGTCTGGTGGCCAGTAG  
 CTTCTCTGACAGTGGTCTGTTTAGCTCACCCAGTTTGTAGACAAGCTGAAACAAATCACGAAGTCCCTG  
 GTGGAGGATTTCAACTCCAGGCCGAGGAAGTGATGCAGTCAGTGAAGTGGTGGGAGGAGTCC  
 ACCAGGCTCTCGAGAGCATGGGTTGGCCGCTCTGAGCAGCGAGAATACGGCGTCCCTGGTGGCCAGCT  
 CCAGAACATTGCCAAGAAGGAAAACCTGCGTCCGACAGCTCATTGACCAGGTATACACTTGTTCCTCAAG  
 TGCTGCTTTGCTGGGTGTGCAGCGATCCCTCTTGGACCTCCCGGGGGCCTCACTCTGATCGAAGCTG  
 AGCTGGCGGAACTGGGCCAGAAGTTTGTGAGCCTGACCCATCACAAACAGCAGGTGTTTGGCCCGTATTA  
 CACCGAGATCTTAAAAACCTCATCTCCCAGCCAGACCCTGGCCACCAAGGTGGGTCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207822 protein sequence  
 Red=Cloning site Green=Tags(s)

MPDVKERAARKEPGAESASRESRGGNTRESASSAQGHRSCTERVHDASKLDCQLEERSLSSSSSLKGV  
 KDTMPSDFWEHLNEQLSAVPPDFSCALELLKEIKEILL SLLLPRQSRLKNEIEEALDMEFLQQQADRGL  
 NVSYLSKYILNMMVLLCAPIRDEAVQRLNIDPVRLLRGIFQVLGQMKMDMVNYTIQSLQPQLQEHVSQ  
 FERAQFQERLNKEPRLNHTTKWLTQAATQLIAPSASSDLQDCSSSAGSPSDVAVPEPLSPAMVLSQ  
 FLNLLTWDPENEEFPETLVADRPRLQELESQQSQLTILASVLLVASSFSDSGLFSSPQFVDKQITKSL  
 VEDFNSRPEEVMQSVSEQVVEEVHQGLESMGLAALSENTASLVGQLQNIKKENCVRSVIDQRIHLFLK  
 CCFVLGVQRSLDLPGLTLIEAELAEQGKQFVSLTHNQVVFAPYYTEILKTLISPAQTLATKGGSL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

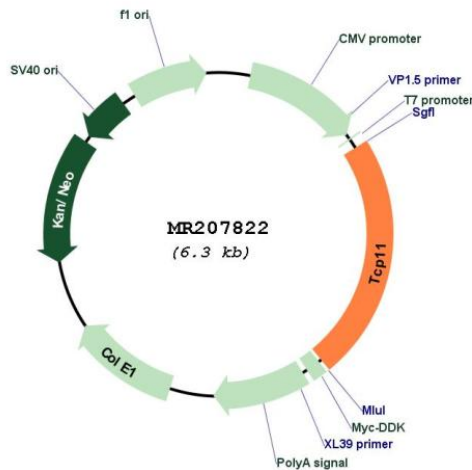
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001085555

ORF Size: 1467 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

**RefSeq:** [NM\\_001085555.1](#), [NP\\_001079024.1](#)

**RefSeq Size:** 1764 bp

**RefSeq ORF:** 1467 bp

**Locus ID:** 21463

**Cytogenetics:** 17 14.62 cM

**MW:** 54.2 kDa