

## Product datasheet for **MG207822**

### Tcp11 (BC089528) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tcp11 (BC089528) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tcp11
Synonyms:	D17Ken1; Tcp-11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207822 representing BC089528  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCAGACGTGAAAGAGAGGGCGGCCGGAAGGAGCCCGCGCGCAGAGAGCGCTCCCGTGAATCCC  
 GCGGGGAAACACCCGGAGAGCGCAGCAGCGCCAGGGCACCGATCGTGTATGACGGAGAGAGTCCA  
 TGACGCTTCCAAGCTTGATTGTCAAGTTGAAGAAAGGAGTTTATCTTCAAGCAGCCTGAAAGGCAAGGTC  
 AAGGACACCATGCCAGCGACTTCTGGGAGCATCTGAATGAGCAGCTGTGAGCCGTGCCCCCGACTTCA  
 GCTGTGCTCTTGAGCTTCTGAAGGAGATCAAAGAGATCCTGTTGTCCCTGCTGCTGCCACGGCAGAGCCG  
 CCTGAAGAATGAGATCGAGGAAGCTCTGGACATGGAGTTCCTCCAGCAGCAAGCCGACCGCGGAGACCTG  
 AATGTCTCTACCTCTCCAAGTATATCCTCAACATGATGGTCTTGTGTGTGCGCAATCCGAGACGAGG  
 CTGTGCAGAGACTTGAGAACATTTAGATCCGGTCCGGCTGCTGAGGGGGATCTCCAGGCTTTGGGACA  
 GATGAAAATGGACATGGTGAACACACCATCCAGAGCCTCCAGCCCCAGCTTCAGGAACACTCCGTCAG  
 TTTGAGCGGGCTCAGTTCAGGAGCGCCTCAACAAAGAGCCAGACTCCTCAACCACACCAGGAAGTGGC  
 TACCCAGGGCGCCACACAGCTCATTGCCCCCTCTGCCAGTTCCTCTGACTTGCAGGACTGCTCCAGCTC  
 GGCCGGCCATCTCCCAGTGATGTGCGCGTCCCAGAGCCACTCAGCCCCGCGATGGTGTCTCAAGGA  
 TTCTGAACTTCTCACCTGGGACCCTGAGAATGAAGAGTTTCTGAAACCCTAGTGGCAGACAGACCCC  
 GGCTGCAGGAGCTGGAGTCGCAGCAGAGTCAGTAACCATCCTTGCTCTGTCTTGTCTGGTGGCCAGTAG  
 CTTCTCTGACAGTGGTCTGTTTGTAGTACACCCAGTTTGTAGACAAGCTGAAACAAATCACGAAGTCCCTG  
 GTGGAGGATTTCAACTCCAGGCCGAGGAAGTATGCAGTCAGTGTGAGCAGGTTGGTGGGGAAGTCC  
 ACCAGGTCCTCGAGAGCATGGGTTGGCCGCTCTGAGCAGCGAGAATACGGCGTCCCTGGTGGCCAGCT  
 CCAGAACATTGCCAAGAAGGAAAACCTGCGTCCGACAGCTCATTGACCAGGGTATACACTTGTTCCTCAAG  
 TGCTGCTTTGCTGGGTGTGCAGCGATCCCTCTTGACCTTCCCGGGGCTCACTCTGATCGAAGCTG  
 AGCTGGCGGAACTGGGCCAGAAGTTTGTGAGCCTGACCCATCACAACCAGCAGGTGTTTGGCCCGTATTA  
 CACCGAGATCTTAAAAACCTCATCTCCCAGCCAGACCCTGGCCACCAAAGGTGGGTCTCTC

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207822 representing BC089528  
 Red=Cloning site Green=Tags(s)

MPDVKERAAARKEPGAESASRESRGGNTRESASSAQGHRCMTERVHDASKLDCQLEERSLSSSSSLKGV  
 KDTMPSDFWEHLNEQLSAVPPDFSCALELLKEIKEILLSLLLPRQSRLKNEIEEALDMEFLQQADRDL  
 NVSYLSKYILNMMVLLCAPIRDEAVQRLNIDPVRLLRGIFQVLGQMKMDMVNYTIQSLQPLQEHSVQ  
 FERAQFQERLNKEPRLNHTTKWLTQAATQLIAPSASSSDLQDCSSSAGPSPSDVAVPEPLSPAMVLSQG  
 FLNLLTWDPENEEFPETLVADRPRLQELESQQSQTILASVLLVASSFSDSGLFSSPQFVDKQITKSL  
 VEDFNSRPEEVMQSVSEQVVEEVHQGLESMGLAALSSENTASLVGQLQNIKKENCVRSVIDQRIHLFLK  
 CCFVLGVQRSLDLPGGLTIEAELAEELGQKFVSLTHNQVVFAPYYTEILKTLISPAQLATKGGSL

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: BC089528

ORF Size: 1466 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: [BC089528](#), [AAH89528](#)

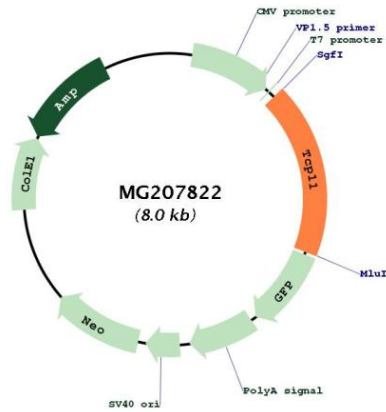
RefSeq Size: 1755 bp

RefSeq ORF: 1466 bp

Locus ID: 21463

Cytogenetics: 17 14.62 cM

Product images:



Circular map for MG207822