

## Product datasheet for **RN201772**

### **Tjap1 (NM\_001108203) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tjap1 (NM_001108203) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tjap1
Synonyms:	Tjp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201772 representing NM\_001108203  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCAGTGCTGCCCTGCTAAGAAACCTTACCGGAAGGCACCTCCCGAGCATCGAGAGCTGCGCCTGG  
 AAACCCCTGTGTCCCGCTTGGAGCAACAGGAGCCCTTGACGGATGCAGAGAGGATGCAACTTTGCAGCA  
 GGAGAATGAAGAACTTCGCAGACGCCTGGCCTCAGCCACCAGACGCACTGAGGCCTTGGAGCGGGAAGCTG  
 GAAATCGGGCAAGACTGCCTGGAAGTGGAGTTAGGACAGAGCCGGGAAGAGCTGGACAAGTTCAAGGACA  
 AATTCGCAGGCTGCAGAACAGCTACACAGCATCCAGCGGACCAACCAGGAGCTCGAGGACAAGCTGCA  
 CGCACTGATCAAGAAGGCTGAGATGGACAGAAAGACGCTGGACTGGGAGATTGTGGAGCTGACCAACAAG  
 CTGCTGGACGCCAGAACACCATCAACAAGCTGGAGGAAGTCAATGAGCGGTACCGGTTGGATTGCAACC  
 TGGCTGTGCAGCTTCTCAAGTCAATAAGTCCCACTTCCGGAACCACAAGTTTGTGATCTACCCGTGGA  
 GCTACAGGACATGGTTTCGAAACATCTGCGCAGTGGTCAGGAGGTTGCCAGTCCAGCCGACGCCCTTCT  
 TCCAGCCTGGCCCCAGGAGCTGTGGTGCCTACCTCAGTCATTGCCCGGTTGGAGAAACCCGAGTCCC  
 TTCTGCTCAATTCAGACCAGTCGGGCGAGTGTGGGCGCCCTTGGCTGAGGATGTATTCTGTCATGTGGA  
 CATGAGCGGGGTGACCCAGCCAGCCCCCTGCCCGGGCAGTCCCTCTCCAACTCAATGGGGAGTGC  
 TGCTCTGTGAGTATTGCAGGGGACTCCCCAGAGGAGGAGCTGCCCTTGCAGCCTTTGACAAGTTGAGTC  
 CCTACCCATACCCATCCCCACCACCCATTGTACCCTGGTAGGAAGGTGATAGAGTTCTCTGAGGACAA  
 GATCCGAATCCCTCGGAACAGCCCCCTCCCAACTGTACCTATGCCACCCGGCAGGCCATCTCCTTGAGC  
 CTGGTGGAGGACGGCGGTGAGCGGGCGCACTGCAGCCCGGTGCCTAGCAGTCTGCCTCAGCCGGAGGGT  
 CACCCTATCACCAGCCTAGTCCAGCTCGCTCAGCACCGAGTGCCCCAGCCAGCTCAGCCAGCTCTGAGGA  
 GGACCTGCTGGCCAGCTGGCAGCGTGCATTTGTGGACCGCACCCCGCTCCTGCGGCTGTGGTCCAGCGC  
 ACAGCCTTTGGACGAGATGCGCTGCCTGAACTACAGCTGCACTTCCCCCGGGCCACTCTACAGCCCCAC  
 TACCTTCCCCACGCCATGAGCGTGGGCTTGTGCTGCCTCAGAACCTGACTCTGCCTTCTCGAGAAGA  
 GGAAGAGGAAATGCTGAACCTGCCTGTCAGCCCTGAGGAAGAGCGCCAGAGCCTGCTGCCTGATAAAGAG  
 GACTGAGGGAGGACCTAGCCCTTCCACGTTGATGGCAGGGCCTGGCCTCTCTCCAGTCCAGCCGCC  
 CCCAGCGCAGCCCAAGAGAATGGGAGTACACCACCTGCACCGCAAGGACAGCCTAACGCAAGCCAGGA  
 GCAGGGCACCCCTGCTCAGCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001108203

**Insert Size:** 1632 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_001108203.1](#), [NP\\_001101673.1](#)

**RefSeq Size:** 2867 bp

**RefSeq ORF:** 1632 bp

**Locus ID:** 316233

**Cytogenetics:** 9q12