

## Product datasheet for **MC204002**

### **Tjap1 (NM\_028751) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tjap1 (NM_028751) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tjap1
Synonyms:	0610041D19Rik; AI415281; AW121008; Pilt; Tjp4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC023316  
 CCCCAGGCTGCCCCGCGGCAAGATGGCTGCCTGAAGGAGAGGCCCCCGGCAGAACTTGAAGACCCAAGGGC  
 CCCAGGGACTGGAAGAAATCACATTGCCTGCTTGGAAAGAAGAGGTAGCAACTTGCCCCAGCCCAACCCC  
 AGAGCGGCTCCGGAGTTGAGCTGCTCACACACCAAGCTGTCTGTTTTATGGAGTGCCTGGAGGGCGTCT  
 GCCATGAGTCTGTTGCTAACACCACTAACCAAGAAAGCTGGCTGGCTGAGGAGAAGACACTAACCTGAGC  
 TCTTGGCTAGAGGAAGTAGAGGGCCGTGGGATGTGGAGAGCCGAAGGCTGACTCCAGGAGAGCAGAACA  
 GAGAGCTGCCAGCGAACAGACGACGAGGTAGACGAGCCCATACCTTCCAGGATGAGCAGTGCCTGCCCTGCT  
 AAGAAACCTTACCGTAAGGCGCCTCCAGAGCACCGAGAGCTACGCCTGGAGATTCCCGTGTCCCGGCTCG  
 AGCAAGAGGAGTCCCTGACTGACGCAGAGCGGATGAAACTTTTGCAGCAGGAGAATGAAGAACTTCGCAA  
 ACGCCTGGCCTCAGTACCAGACGCACTGAGGCCTTGGAGCGGGAGCTGGAAATAGGACAAGACTGCCTA  
 GAACTGGAGTTAGGACAGAGCCGTGAGGAGCTGGACAAGTTTAAGGACAAATTCGCAGGCTACAGAACA  
 GCTACACGGCATCCCAGCGGACCAACCAGGAACTGGAGGACAAGCTGCACGCACTGATCAAGAAGGCTGA  
 GATGGACAGGAAGACGCTGGACTGGGAGATAGTGGAGCTGACCAACAAGCTACTGGATGCCAGGAACACC  
 ATCAATAAAGTGAAGAGCTCAATGAGCGGTACCGGCTGGACTGCAACCTGGCGGTGCAGCTTCTCAAGT  
 GCAACAAGTCCCCTTCCGGAACCAAGCTTGTGACCTACCCTGTGAGCTCCAGGACATGGTTCCGAA  
 ACATCTGCGCAGTGGGCAGGAGGTTGCCAGCCCCAGCCCCAGCCCTTCTCCAGCCTGTCCCCAGGGGCT  
 GTGGTGCCTACCTCAGTCAATGCCCCGGTGTGGAGAACTGAGTCTCTCTTGCTCAATTCAGCTCAGT  
 CTGGCAGTGTGGGCGCCCTTGGCTGAGGATGTATTTCGTGCATGTGGACATGAGTGGGGGTGACCCAGC  
 CAGCCCCCTGCCCGGGCAGCCCAATGGGGAGTGTGCTCAGTGAAGTACTGCAGGGGGCTCCCCGGAG  
 GAGGAGCTGCCCCGCCAGCCTTCGACAAGTTGAGTCCCTACCCTACCCCGTCTCCACCACCCATTAT  
 ACCCTGGTAGGAAGGTGATAGAATCTCTGAGGACAAGATCCGAATTCCTCGAACAGCCCCCTCCCAA  
 CTGTACCTATGCCACCCGCGAGCCATCTCCTTGGCTGGTGGAGGACGGCAGTGAAGGCTCCACCCG  
 AGCTCAGTGCCTAGCAGTCTGCCTCTGCCAAGGGTCGCCCCATCACCAGCCTAGTCCAGTCCCTCAG  
 CACTGAGTGCCTCAGCTAGTTCGCCAGCTCGGAGGAGGACCTGTGCCCAGCTGGCAGCGTGCATTTGT  
 GGACCGCACCCCGCCCCGGCTGCCGTGGTCCAGCGCACGGCCTTTGGACGAGACTCACTGCCCGAGCTA  
 CAGTTGCATTTCTCCCCTGGCCACTCCACAGCCCCACCGCCTTCCCGCACCGTGAAGGGGACTTGTGC  
 TGCCAGCAGAACCTGACTCTGGCTTTCCTCAAGACGAGGAAGAGGAAATGCTGAACCTGCCTGTGAGCCC  
 CGAGGAAGAGCGTCAGAGCCTGTGCCTGATAAAGAGGGCACCGAGGAGGCTCAGGCCCTTCTCATGTT  
 GATGGCAGGGCTGGCCTCTCCCAGTCCAGCCGCCCCAGCGCAGCCCCAAGAGAATGGGAGTACACC  
 ATCTCCACCGCAAGGACAGCCTGACGCAGGCGCAGGAGCAGGGCACTGTGCTCAGCTAGACTGCCTGCC  
 TTCTGCCACCACCTCAGGCTGCAGATGGCCAGACTCTCCCTACAGACCTGGGCAGCTCAGCCAGTGGG  
 GCCACATCAATCCCTTGGAGCTGCGTTTGCACTAATGGGTGCCAGCTTGCCATCATATTTTTGTTTCC  
 TTTTCTTTGAAATATTTATTCTCCAAGGTAACAAGTCATTTGGGCCCAAGCTCTTCCACCATCCAGTC  
 CGTCCGTAAGGGACGGGCGGTGGGCTTGTGAGTTTCTTTTCCAGCTCCTTTCACATTGAGAGCTCTGG  
 TTGGTAGGGGAGGGTGTGTTGGTGTGCTGACCTCTATTCTCTGCCTGTGCGTGGGCTGCTCTTAGGC  
 CTGCTCAGCTGGCCCCAGAGACAAGGGTGGACTCACTCAGGGCTCCCCCTCCAGAGGGAGGGCGTACT  
 TCTGGGCGCTGGCCCCATTCTTAACCTTGGCTCTAGACTGTTACTCCCAGATTTGGGAAGTTTTCAAA  
 TACTATTTAAGATCAATAAAACTTATTTTACAGGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_028751
- Insert Size:** 1620 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:** [BC023316](#), [AAH23316](#)

**RefSeq Size:** 2606 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 74094

**UniProt ID:** [Q9DCD5](#)

**Cytogenetics:** 17 C

**Gene Summary:** Plays a role in regulating the structure of the Golgi apparatus.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, 3 and 4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.