

## Product datasheet for **MC228228**

### **Tjap1 (NM\_001252475) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tjap1 (NM_001252475) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tjap1
Synonyms:	0610041D19Rik; AI415281; AW121008; Pilt; Tjp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228228 representing NM\_001252475  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCAGTGCTGCCCTGCTAAGAAACCTTACCGTAAGGCGCCTCCAGAGCACCAGAGCTACGCCTGG  
 AGATTCGCGTGTCCCGGCTCGAGCAAGAGGAGTCCCTGACTGACGCAGAGCGGATGAAACTTTTGCAGCA  
 GGAGAATGAAGAACTTCGCAAACGCCTGGCCTCAGCTACCAGACGCACTGAGGCCTTGGAGCGGGAGCTG  
 GAAATAGGACAAGACTGCCTAGAAGTGGAGTTAGGACAGAGCCGTGAGGAGCTGGACAAGTTAAGGACA  
 AATTCGCGAGGCTACAGAACAGCTACACGGCATCCAGCGGACCAACCAGGAACTGGAGGACAAGCTGCA  
 CGCACTGATCAAGAAGGCTGAGATGGACAGGAAGACGCTGGACTGGGAGATTGTGGAGCTGACCAACAAG  
 CTACTGGATGCCAGAACACCATCAATAAACTGGAAGAGCTCAATGAGCGGTACCGGCTGGACTGCAACC  
 TGGCGGTGCAGCTTCTCAAGTGAACAAGTCCCACTTCCGGAACCACAAGCTTGTGACCTACCCTGTGA  
 GCTCCAGGACATGGTTCGAAAACATCTGCGCAGTGGGCGAGGAGTTGCCAGCCCCAGCCCCAGCCCTTCT  
 TCAGCCTGTCCCAGGGGCTGTGGTGCCTACCTCAGTCAATTGCCCGGTTGGAGAACTGAGTCTC  
 TCTTGCTCAATTCAGCTCAGTCTGGCAGTGTGGGCGCCCTTGGCTGAGGATGTATTCTGTCATGTGGA  
 CATGAGTGGGGGTGACCCAGCCAGCCCCCTGCCCGGGCAGCCCAATGGGGAGTGTGCTCAGTGAGT  
 ACTGCAGGGGGTCCCAGGAGGAGCTGCCCTGCCAGCCTTCGACAAGTTGAGTCCCTACCCTACCC  
 CGTCTCCACCACCCATTATACCCTGGTAGGAAGGTGATAGAATTCTCTGAGGACAAGATCCGAATTCC  
 TCGGAACAGCCCCCTCCCAACTGTACCTATGCCACCCGGCAGGCCATCTCCTTGAGCCTGGTGGAGGAC  
 GGCAGTGAGCGGGCCACCGCAGCTCAGTGCCTAGCAGTCTGCCTCTGCCAAGGGTCCGCCCATCACC  
 AGCCTAGTCCAGTCCCTCAGCACTGAGTGCCTCAGTGTTCGCGCCAGCTCGGAGGAGACCTGCTGGC  
 CAGCTGGCAGCGTGCATTTGTGGACCGCACCCCGCCCTGCTGCCGTGGTCCAGCGCACGGCCTTTGGA  
 CGAGACTCACTGCCGAGCTACAATTGCATTTCTCCCGGGCCACTCCACAGCCCCACCGCCTTCCCGGC  
 ACCGTGAGCGGGGACTTGTGCTGCCAGCAGAACCTGACTCTGGCTTTCCTCAAGACGAGGAAGAGGAAAT  
 GCTGAACCTGCCTGTGAGCCCCGAGGAAGAGCGTCAGAGCCTGCTGCCTGATAAAGAGGGCACCGAGGAG  
 GCCTCTGGCCCTTCTCATGTTGATGGCAGGGCCTGGCCTCTCCCAAGTCCAGCCGCCCCAGCGCAGCC  
 CCAAGAGAATGGGAGTACACCATCTCCACCGCAAGGACAGCCTGACGCAGGCACAGGAGCAGGGCACTGT  
 GCTCAGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001252475
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001252475.1](#), [NP\\_001239404.1](#)

**RefSeq Size:** 2368 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 (4) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.