

Product datasheet for **RN213737**

Tjp3 (NM_001108073) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Tjp3 (NM_001108073) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Tjp3 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN213737 representing NM_001108073
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGGCAGACATGGAAGAGTTGACCATCTGGAAACAGCACACAGCCACACTGTACAAGACCCCC
 GCCGAGGCTTTGGCATAGCTGTGTCTGGAGGTCATGACCGAGCTGGTGGACCTGTGGTCTGTGATGT
 GGTACCTGGAGGCCCGCTGAGGGCAGGCTTCAGACTGGGGACCACATCGTCATGGTGAATGGTGTCTCT
 GTGGAGAATGTCACATCTGCTTTTGCCATCCAGATCCTTAAGACCTGCACCAAAACAGCCAACATTACAG
 TGAAGCGTCCCCGAAGGGTCCAACCTGCCTGCCACCAAGGCTAGCCAGCTTCTGGCCACCAGCTCTCAGA
 CCAGGAGGAAGCTGACCATGGCCGGGGCTATGAGGGGGACTCCTCCAGTGGCTCAGGTCGATCTTGGGGT
 GAGCGTCTCGCCGGTCCAGGGTGGTCGCCCGCTCAGGATGGGCAGCCATGGCCGCCGAGCTCTGTG
 GAGGTTCTGAGGCCAATGGTCTGGACCTGGTATCTGGCTACAAGCGCTTGCCTAAGCAGGATGTGCTAAT
 GAGACCGCTAAAGTCCGTGCTGGTGAACGAAGAACAGCGAAGAGTTTGGAGTGAAGCTAGGCAGTCAG
 ATCTTCATAAAACACATCACAGAGTCCGGCCTCGCTGCTCGGAACCGTGGGCTGCAGGAGGGAGACCTTA
 TCTTACAGATCAACGGAGTGTCCAGTGCTAATCTATCCCTGAGTGACACACGGAGGCTCATTGAGAAGTC
 AGAGGGGCAGTAACCCTGCTGGTGTGAGGGACAGTGGGCAGTTCCTGGTGAACATCCCTCCAGCAGTG
 AGTGACAGCGACAGCTCCCTAATGGAAGACATCTCAGACCTGACCTCGGAATTGTCCCAGGCGCCCCCTT
 CCCACATTCACCGCCACCTCTGAAGAGTCGGCGGAGCCCTGAGGACAGCCAGACGGATTCCCCAGTGGA
 GACCCACAGCCCAGAGGGCGGAACGGTCGGTGGATTCAAGAGCCATCGCTGAACCAGAGTCTCCTGGA
 GAAAGCCGCTATGACATTTACCGGGTCCCTAGTCGGCAGAGCCTGGAGGACCGTGGCTACAGCCCCGACA
 CCGGTGTCTGCGCTTCCCCAAGGGTGTGAGCATTGGTCTGCGGTGGCCGGCGCAACGACGTGGGCAT
 CTTCTGTCTCGGGGTGCAGGCAGGCAGCCCGCCGACGGCAAGGCATCCAGGAAGGGGATGAGATCTTG
 CAGGTGAATGATATGCCATTTCCGAACCTGACTCGGGAGGAGGCTGTGCAGTTTCTGTTAGGGTGCCTG
 CAGGGGAAGAGCTGGAGCTGGTGTACAGAGCAAGCAGGACATCTTACGGAAGATGGTCCAGTCCCGCT
 GGGTGACTCCTTCTACATCCGCACACACTTTGAGCTGGAGCCAAGCCCGCCTACGGCTGGGCTTCACT
 CGCGGTGATGTGTTCCACGTGGTGGACAGTGTACCGGGGCTCTGGGTGAGCCACGGGCACAGCAGCC
 ATGGGGTCTCTGGCTGGCGCCGAATGGGCAGAGATCTCCGAGAGCAAGAACGAGGCGTCATTCCCAA
 CCAGAGCAGGGCCGAGCAGCTGGCCAGTTTGGAGGCCGCGCAGCGGGCCCGGGCTGGGCCAGGGCC
 TCAACAGGCTCCAACCCAGGGCCGAGTCTGGCGACTCCGAGGTCTCCGGCAGGGGCCAAGAAGACAA
 TGACCCAGCGGAGCCGCGAGGACCTGTCGGCGCTGACCAGGCAGGGACACTACCCACCCTACGAGCGAGT
 CGTGCTACGAGAAGCCAGTTTTAAGCGCCCCGTGGTGTCTTAGGACCCGTGGCAGACATTGCTATGAAG
 AGACTGACAACAGAGGTGCCAGAGCAGTTTGGATTGCAGAAAGCGTGTCCCGGACTGACAGCCCATCCA
 AGATCATCAAAATTGGACACAGTCCGGGTGATCGCAGAGAGGGACAAGCACGCACTCCTGGATGTCACCCC
 CTCTGCCATCGAGCGCCTCAACTACGTGCAGTACTACCTGTCTGTCATCTTCTGTGCTCCGGAGAGCCGG
 TCAGCGCTCAAGGCCCTTCGCGAGTGGCTGGCCCCCGCTCTCGCCGACGAGCCCGCCCTGTATGCGC
 AGGCCCAGAAGCTGCAGAAACACAGTGGCCACCTTTACCGCCACCATTCCCTGAATGGCACTAGTGA
 CTCCTGGTACCAGGAAGTCAAGGCTGTACATACAGCAACAGCAGGGCGGACCGATCTGGACTGCGGAGGAC
 CAGCTGAATGGCTCATCCGAGGACCTTGACCTGCCGGCCATGGGCTGGCCGACGCTCTGGAGACCTCA
 GCTGTGACAGTCCGGCTAACAGCGACTACGAAGACACCGATGGGGAGGGACCTATACGGATAGAGAGGG
 CGAACCCAGGATTTGATGAGGAAGCCCCACCCAGGCCCTGGCCCGGTCTCAGAGCCTGTGTGGGTA
 GATGACCACCAGGGGCTGATGGGTGATGGGAGGATCGCAGCCGCGGAGGTGCAGGCCGACAGCCACTACA
 CCCCAGGACGCGGCCAAGACAGCATGCGGACCTACAAGCATGAGGCCCTGAGAAAGAAGTTCACAAG
 AGCCCCGGACATCGAATCCTCTGACGAAGAAGGCTATGACTGGGGCCAGCCACCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001108073

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| Insert Size: | 2724 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: | <ol style="list-style-type: none">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: | <u>NM_001108073.1</u> , <u>NP_001101543.1</u> |
| RefSeq Size: | 2967 bp |
| RefSeq ORF: | 2724 bp |
| Locus ID: | 314640 |
| Cytogenetics: | 7q11 |