

Product datasheet for MC229457

Tjp2 (NM_001198985) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tjp2 (NM_001198985) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tjp2
Synonyms:	ZO-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229457 representing NM_001198985 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGTGC GG GAGACCGCGGGTCCACCGCGGGGAGCTGTCGGGCTGGCAGCGGGTCCAGGCA
TGGAGGAGGTGATATGGGAGCAGTACACCGTGACCCTGCAGAAGGATTCCAAAAGAGGATTTGGAATTGC
CGTGTCCGGAGGCAGAGACAACCCCACTTTGAAAATGGGGAGACGTCAATCGTCATCTCAGATGTGCTC
CCAGGTGGACCCGCTGATGGCTTGCTTCAAGAAAATGACAGGGTGGTCAATGGTCAATGCCACCCCATGG
AAGATGTGCTCCATTCGTTTGGCGTTCAGCAGCTTAGGAAAAGTGGGAAGATAGCAGCCATCGTGGTCAA
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ACGACATGCTCAGCCACAGCTGGGAGGGCAATAGGGAGAGGGGGCGACCCATCAGCGCACACAGAGCCG
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CAAGAGAGGAGACCTCAGGCAGACTATCCAGGATGGGTGCCACTCCACGCCGTTCAAGTCCACGGGGGA
CATCACAGCTGCGGGGTCACAGAGGCCAGCAGGGAGCCAGGTACCAGGAAGAAGGCCAGTTCCTCAA



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CCCAGAACAGCTCCAAGAGTTTTTCTTCGTCTAGTCCCGAAGATGAAGCAATATATGGCCCTAACACCA
AAATGGTGAGGTTCAAGAAGGGAGACAGCGTGGCCCTCCGGTTGGCTGGTGGAAACGACGTTGGGATATT
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AAGCTCCTTCCAGACTTTACCAGGACACCAGGAAGCTACGGCAGTGACCCCGAGGAGGAGGATACCG
CCAGCAGTTGGCAGCACACTCGAAGCGTGGTACTACAGCCAGCCCTCCCGGTACCGAGACAGGAGTTA
TAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001198985
- Insert Size:** 3573 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_001198985.1](#), [NP_001185914.1](#)

RefSeq Size: 4637 bp

RefSeq ORF: 3573 bp

Locus ID: 21873

Cytogenetics: 19 B

Gene Summary: Plays a role in tight junctions and adherens junctions.[UniProtKB/Swiss-Prot Function]