OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC210302

TJP2 (NM_004817) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: TJP2 (NM_004817) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: TJP2

Synonyms: C9DUPq21.11; DFNA51; DUP9q21.11; FHCA1; PFIC4; X104; ZO2

ACCN: NM_004817

Insert Size: 865 bp

Insert Sequence:

>SC210302 3' UTR clone of NM_004817
The sequence shown below is from the reference sequence of NM_004817. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GCCAGTCTGCCCGATACCGGGACACAGAATTATAGATGTCTGAGCACGGACTCTCCCAGGCCTGCCTGCA
TGGCATCAGACTAGCCACTCCTGCCAGGCCGCCGGGATGGTTCTTCTCCAGTTAGAATGCACCATGGAGA
CGTGGTGGGACTCCAGCTCGTGTGTCCTCATGGAGAACCCAGGGGACAGCTGGTGCAAATTCAGAACTGA
GGGCTCTGTTTGTGGGACTGGGTTAGAGGAGTCTGTGGCTTTTTGTTCAGAATTAAGCAGAACACTGCAG
TCAGATCCTGTTACTTGCTTCAGTGGACCGAAATCTGTATTCTGTTTGCGTACTTGTAATATGTATATTA
AGAAGCAATAACTATTTTTCCTCATTAATAGCTGCCTTCAAGGACTGTTTCAGTGTGAGTCAGAATGTGA
AAAAGGAATAAAAAATACTGTTGGGCTCAAACTAAATTCAAAGAAGTACTTTATTGCAACTCTTTTAAGT
GCCTTGGATGAGAAGTGTCTTAAATTTTCTTCCTTTGAAGCTTTAGGCAGAGCCATAATGGACTAAAACA
TTTTGACTAAGTTTTTATACCAGCTTAATAGCTGTAGTTTTCCCTGCACTGTGTCATCTTTTCAAGGCAT
TTGTCTTTGTAATATTTTCCATAAATTTGGACTGTCTATATCATAACTATACTTGATAGTTTGGCTATAA
GTGCTCAATAGCTTGAAGCCCAAGAAGTTGGTATCGAAATTTGTTGTTTGTTTAAACCCAAGTGCTGCAC
AAAAGCAGATACTTGAGGAAAACACTATTTCCAAAAGCACATGTATTGACAACAGTTTTATAATTTAATA
AAAAGGAATACATTGCAATCCGTAA

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

View online »

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_004817.3

Summary: This gene encodes a zonula occluden that is a member of the membrane-associated guanylate kinase homolog family. The encoded protein functions as a component of the tight junction barrier in epithelial and endothelial cells and is necessary for proper assembly of tight junctions. Mutations in this gene have been identified in patients with hypercholanemia, and genomic duplication of a 270 kb region including this gene causes autosomal dominant deafness-51. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Locus ID: 9414