

Product datasheet for **RG210920**

Claudin 17 (CLDN17) (NM_012131) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Claudin 17 (CLDN17) (NM_012131) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: Claudin 17
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG210920 representing NM_012131
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATTATCCCTTGCAAATTGCTGGGCTGGTTCTTGGGTTCCCTGGCATGGTGGGGACTCTTGCCA
 CAACCTTCTGCCTCAGTGGAGAGTATCAGCTTTTGTGGCAGCAACATTATTGTCTTTGAGAGGCTCTG
 GGAAGGGCTCTGGATGAATTGCATCCGACAAGCCAGGGTCCGGTGAATGCAAGTTCTATAGCTCCTTG
 TTGGCTCTCCCGCTGCCCTGGAACAGCCGGGCCCTCATGTGTGGCTGTTGCTCTCCTTGATCG
 CCCTGCTTATTGGCATCTGTGGCATGAAGCAGGTCCAGTGCACAGGCTTAACGAGAGGGCCAAAGCATA
 CCTTCTGGGAACCTCAGGAGTCCCTTTCATCCTGACGGGCATCTTCGTTCTGATTCCGGTGAGCTGGACA
 GCCAATAAATCATCAGAGATTTCTACAACCCAGCCATCCACATAGGTGAGAAACGAGAGCTGGGAGCAG
 CACTTTTCCTTGGCTGGCAAGCGCTGCTGCTCCTTTCATTGGAGGGGTCTGCTTTGTGGATTTTGCTG
 CTGCAACAGAAAGAAGCAAGGTTACAGATATCCAGTGCCTGGCTACCGTGTGCCACACAGATAAGCGA
 AGAAATACGACAATGCTTAGTAAGACCTCCACCAGTTATGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG210920 representing NM_012131
 Red=Cloning site Green=Tags(s)

MAFYPLQIAGLVLGFLGMVGLATLLLPQWRVSAFVGSNIIVFERLWEGLWMNCIRQARVRLQCKFYSSL
 LALPPALETARALMCVAVALSLIALLIGICGMKQVQCTGSNERAKAYLLGTSGVLFILTGIFVLIIPVSWT
 ANIIIRDFFYNPAIHIGQKRELGAALFLGWASAAVLFIGGGLLCGFCCCNRKKQGYRYPVPGYRVPHTDKR
 RNTTMSKSTSYV

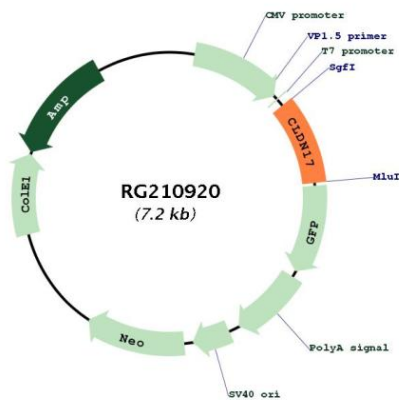
TRTRPLE - GFP Tag - V



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Cytogenetics:	21q21.3
Protein Families:	Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction
Gene Summary:	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is intronless and is clustered with CLDN8 on chromosome 21q22.11. [provided by RefSeq, Jun 2010]

Product images:



Circular map for RG210920