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Product datasheet for SC204988

Claudin 14 (CLDN14) (NM_012130) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Claudin 14 (CLDN14) (NM_012130) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CLDN14
Synonyms:	DFNB29
ACCN:	NM_012130
Insert Size:	385 bp
Insert Sequence:	>SC204988 3'UTR clone of NM_012130 The sequence shown below is from the reference sequence of NM_012130. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCGGGTACAGGCTGAACGACTACGTGTGAGTCCCCACAGCCTGCTTCTCCCCTGGGCTGCTGTGGGCT GGGTCCCCGGCGGGACTGTCAATGGAGGCAGGGGTTCCAGCACAAAGTTTACTTCTGGGCAATTTTTGT ATCCAAGGAAATAATGTGAATGCGAGGAAATGTCTTTAGAGCACAGGGACAGAGGGGGAAATAAGAGGA GGAGAAAGCTCTCTATACCAAAGACTGAAAAAAAAAAATCCTGTCTGTTTTTGTATTTATTATATATATT TATGTGGGTGATTTGATAACAAGTTTAATATAAAGTGACTTGGGAGTTTGGTCAGTGGGGTTGGTTTGT GATCCAGGAATAAACCTTGCGGATGTGGCTGTTTATGAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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).
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_012130.4

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Summary: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. The encoded protein also binds specifically to the WW domain of Yes-associated protein. Defects in this gene are the cause of an autosomal recessive form of nonsyndromic sensorineural deafness. It is also reported that four synonymous variants in this gene are associated with kidney stones and reduced bone mineral density. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jun 2010]

Locus ID: 23562

MW: 13.7