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Product datasheet for SC330916

CDH19 (NM_001271028) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: CDH19 (NM_001271028) Human Untagged Clone

Tag: Tag Free

Symbol: CDH19

Synonyms: CDH7; CDH7L2

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC330916 representing NM_001271028.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAACTGTTATTTACTGCTGCGTTTTATGTTGGGAATTCCTCTCCTATGGCCTTGTCTTGGAGCAACA
GAAAACTCTCAAACAAAGAAAGTCAAGCAGCCAGTGCGATCTCATTTGAGAGTGAAGCGTGGCTGGGTG
TGGAACCAATTTTTTGTACCAGAGGAAATGAATACGACTAGTCATCACATCGGCCAGCTAAGATCTGAT
TTAGACAATGGAAACAATTCTTTCCAGTACAAGCTTTTGGGAGCTGGAGCTGGAAGTACTTTTATCATT
GATGAAAGAACAGGTGACATATATGCCATACAGAAGCTTGATAGAGAGGAGCGATCCCTCTACATCTTA
AGAGCCCAGGTAATAGACATCGCTACTGGAAGGGCTGTGGAACCTGAGTCTGAGTTTGTCATCAAAGTT
TCGGATATCAATGACAATGAACCAAAATTCCTAGATGAACCTTATGAGGCCATTGTACCAGAGATGTCT
CCAGAAGGAACATTAGTTATCCAGGTGACAGCAAGTGATGCTGACGATCCCTCAAGTGGTAATAATGCT
CGTCTCCTCTACAGCTTACTTCAAGGCCAGCCATATTTTTCTGTTGAACCAACAACAGGAGTCATAAGA
ATATCTTCTAAAATGGATAGAGAACTGCAAGATGAGTATTGGGTAATCATTCAAGCCAAGGACATGATT
GGTCAGCCAGGAGCGTTGTCTGGAACAACAAGTGTATTAATTAAACTTTCAGATGTTAATGACAATAAG
CCTATATTTAAAGAAAGTTTATACCGCTTGACTGTCTCTGAATCTGCACCCACTGGGACTTCTATAGGA
ACAATCATGGCATATGATAATGACATAGGAGAGAATGCAGAAATGGATTACAGCATTGAAGAGGATGAT
TCGCAAACATTTGACATTATTACTAATCATGAAACTCAAGAAGGAATAGTTATATTAAAAAAGAAAGTG
GATTTTGAGCACCAGAACCACTACGGTATTAGAGCAAAAGTTAAAAACCATCATGTTCCTGAGCAGCTC
ATGAAGTACCACACTGAGGCTTCCACCACTTTCATTAAGATCCAGGTGGAAGATGTTGATGAGCCTCCT
CTTTTCCTCCTTCCATATTATGTATTTGAAGTTTTTGAAGAAACCCCACAGGGATCATTTGTAGGCGTG
GTGTCTGCCACAGACCCAGACAATAGGAAATCTCCTATCAGGTATTCTATTACTAGGAGCAAAGTGTTC
AATATCAATGATAATGGTACAATCACTACAAGTAACTCACTGGATCGTGAAATCAGTGCTTGGTACAAC
CTAAGTATTACAGCCACAGAAAAATACAATATAGAACAGATCTCTTCGATCCCACTGTATGTGCAAGTT
CTTAACATCAATGATCATGCTCCTGAGTTCTCTCAATACTATGAGACTTATGTTTGTGAAAATGCAGGC
TCTGGTCAGGGTTTATTTTTTTGA

Restriction Sites: SgfI-MluI

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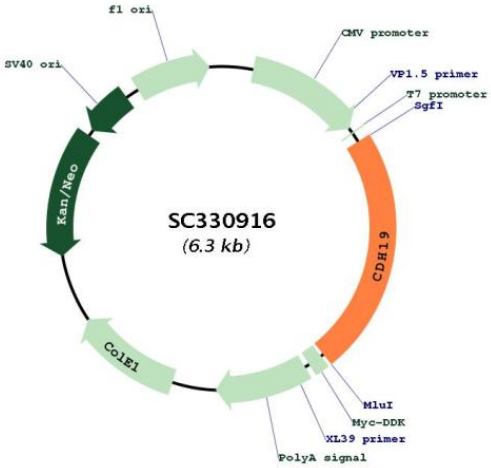
Plasmid Map:



ACCN:	NM_001271028
Insert Size:	1473 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:	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_001271028.1
RefSeq Size:	5871 bp
RefSeq ORF:	1473 bp
Locus ID:	28513
UniProt ID:	Q9H159

Cytogenetics:	18q22.1
Protein Families:	Druggable Genome, Transmembrane
MW:	55.4 kDa
Gene Summary:	This gene is one of three related type II cadherin genes situated in a cluster on chromosome 18. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein containing five extracellular cadherin repeats. Loss of cadherins may be associated with cancer formation. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Aug 2012] Transcript Variant: This variant (2) lacks two alternate exons in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.