

Product datasheet for RC223517L1

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436

OriGene Technologies, Inc.

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CDH19 (NM_021153) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CDH19 (NM 021153) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: CDH19

Synonyms: CDH7; CDH7L2

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC223517).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_021153

ORF Size: 2316 bp





CDH19 (NM_021153) Human Tagged Lenti ORF Clone - RC223517L1

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 021153.2</u>

 RefSeq Size:
 3185 bp

 RefSeq ORF:
 2319 bp

 Locus ID:
 28513

 UniProt ID:
 Q9H159

 Cytogenetics:
 18q22.1

Protein Families: Druggable Genome, Transmembrane

MW: 84.5 kDa

Gene Summary: This gene is one of three related type II cadherin genes situated in a cluster on chromosome

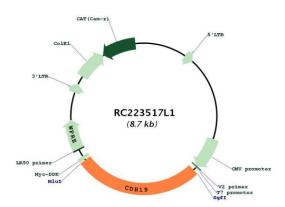
18. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein containing five extracellular cadherin repeats. Loss of cadherins may be associated with cancer

formation. Alternative splicing results in multiple transcript variants for this gene. [provided

by RefSeq, Aug 2012]



Product images:



Circular map for RC223517L1