

Product datasheet for MR210660L3

Cdh10 (NM 009865) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cdh10 (NM_009865) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Cdh10

Synonyms: A830016G23Rik; C030003B10Rik; C030011H18Rik; T2-cadh

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR210660).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_009865

ORF Size: 2364 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Cdh10 (NM_009865) Mouse Tagged Lenti ORF Clone - MR210660L3

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 009865.1</u>, <u>NP 033995.1</u>

 RefSeq Size:
 3405 bp

 RefSeq ORF:
 2367 bp

 Locus ID:
 320873

 UniProt ID:
 P70408

 Cytogenetics:
 15 8.2 cM

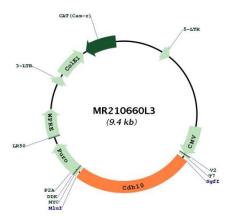
Gene Summary: This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that

mediate cell adhesion and regulate many morphogenetic events during development. The encoded preproprotein is further processed to generate a mature protein. This gene is expressed in the blood-brain barrier and retinal endothelia suggesting a role in the development and maintenance of brain barrier. Alternative splicing results in multiple transcript variants. Multiple distinct genes of the cadherin family, including this gene, are

found on chromosome 15. [provided by RefSeq, Oct 2015]



Product images:



Circular map for MR210660L3