

Product datasheet for RC211283L2

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KCTD16 (NM_020768) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: KCTD16 (NM_020768) Human Tagged Lenti ORF Clone

Tag: Symbol: KCTD16

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

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

Sequence:

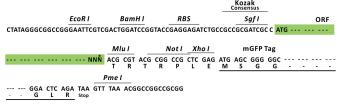
The ORF insert of this clone is exactly the same as(RC211283).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

ORF Nucleotide





* The last codon before the Stop codon of the ORF.

ACCN: NM_020768 **ORF Size:** 1284 bp





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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 020768.1</u>

RefSeq Size: 5183 bp

RefSeq ORF: 1287 bp

Locus ID: 57528

UniProt ID: Q68DU8

Cytogenetics: 5q31.3

MW: 49.1 kDa

Gene Summary: Auxiliary subunit of GABA-B receptors that determine the pharmacology and kinetics of the

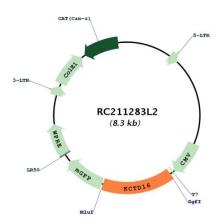
receptor response. Increases agonist potency and markedly alter the G-protein signaling of

the receptors by accelerating onset and promoting desensitization (By similarity).

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC211283L2