

Product datasheet for RC201878L3

OriGene Technologies, Inc.

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C20orf30 (TMEM230) (NM_014145) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: C20orf30 (TMEM230) (NM_014145) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: C20orf30

Synonyms: C20orf30; dJ1116H23.2.1; HSPC274

Mammalian Cell

Selection:

Puromycin

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(RC201878).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_014145

ORF Size: 360 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 014145.4</u>

RefSeq Size: 1699 bp RefSeq ORF: 363 bp

Locus ID: 29058

UniProt ID: Q96A57

Cytogenetics: 20p13-p12.3

Protein Families: Transmembrane

MW: 13.2 kDa

Gene Summary: This gene encodes a multi-pass transmembrane protein that belongs to the

TMEM134/TMEM230 protein family. The encoded protein localizes to secretory and recycling

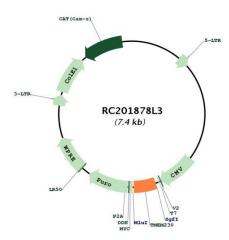
vesicle in the neuron and may be involved in synaptic vesicles trafficking and recycling.

Mutations in this gene may be linked to familial Parkinson's disease. [provided by RefSeq, Mar

2017]



Product images:



Circular map for RC201878L3