

Product datasheet for RC201017L4

OriGene Technologies, Inc.

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GTL3 (CFAP20) (NM_013242) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: GTL3 (CFAP20) (NM_013242) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: GTL3

Synonyms: BUG22; C16orf80; EVORF; fSAP23; GTL3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201017).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_013242

ORF Size: 579 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 013242.2</u>

 RefSeq Size:
 1308 bp

 RefSeq ORF:
 582 bp

 Locus ID:
 29105

 UniProt ID:
 Q9Y6A4

Cytogenetics: 16q21

Domains: DUF667

Protein Families: Transcription Factors

MW: 22.8 kDa

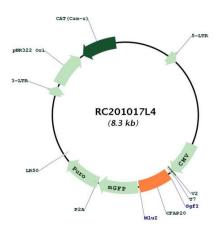
Gene Summary: Cilium- and flagellum-specific protein that plays a role in axonemal structure organization

and motility. Involved in the regulation of the size and morphology of cilia (PubMed:24414207). Required for axonemal microtubules polyglutamylation

(PubMed:24414207).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC201017L4