

Product datasheet for RC226155L4

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OriGene Technologies, Inc.

TLE3 (NM_001105192) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: TLE3 (NM_001105192) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: TLE3

Synonyms: ESG; ESG3; GRG3; HsT18976

Mammalian Cell Puromycin

Selection:

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

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

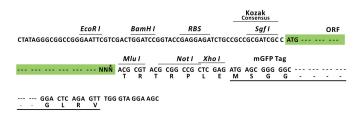
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC226155).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001105192

ORF Size: 2307 bp





TLE3 (NM_001105192) Human Tagged Lenti ORF Clone - RC226155L4

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: NM 001105192.1

RefSeq Size: 5345 bp RefSeq ORF: 2310 bp Locus ID: 7090 **UniProt ID:** Q04726

Cytogenetics: 15q23

Protein Families: Transcription Factors

MW: 83.1 kDa

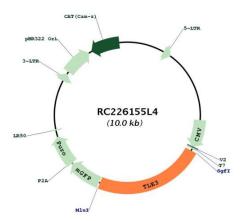
Gene Summary: This gene encodes a transcriptional co-repressor protein that belongs to the transducin-like

> enhancer family of proteins. The members of this family function in the Notch signaling pathway that regulates determination of cell fate during development. Expression of this gene has been associated with a favorable outcome to chemotherapy with taxanes for ovarian carcinoma. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length

nature is not known. [provided by RefSeq, Sep 2013]



Product images:



Circular map for RC226155L4