

Product datasheet for RC204354L3

OriGene Technologies, Inc.

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NT5C3L (NT5C3B) (NM_052935) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: NT5C3L (NT5C3B) (NM_052935) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: NT5C3L

Synonyms: cN-IIIB; NT5C3L

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(RC204354).

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:

Sgf 1 ORF Mlu I

GGG ATC GC ATG ---//--- NNN ACG CGT ---



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

ACCN: NM_052935

ORF Size: 876 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 052935.2</u>, <u>NP 443167.2</u>

 RefSeq Size:
 1430 bp

 RefSeq ORF:
 903 bp

 Locus ID:
 115024

 UniProt ID:
 Q969T7

Cytogenetics: 17q21.2

MW: 33.6 kDa

Gene Summary: Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine

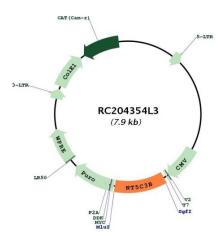
and inorganic phosphate (PubMed:23223233, PubMed:24603684). The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids (PubMed:23223233). Also has weak activity for CMP (PubMed:23223233,

PubMed:24603684). UMP and purine nucleotides are poor substrates (PubMed:23223233).

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC204354L3