

## Product datasheet for RC200175L3V

## OriGene Technologies, Inc.

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## DUS2L (DUS2) (NM\_017803) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

Product Name: DUS2L (DUS2) (NM\_017803) Human Tagged ORF Clone Lentiviral Particle

Symbol: DUS2L

Synonyms: DUS2L; SMM1; URLC8

Mammalian Cell

Selection:

ACCN:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

NM 017803

Tag: Myc-DDK

ORF Size: 1479 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC200175).

Sequence:

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.

**RefSeq:** <u>NM 017803.3</u>

 RefSeq Size:
 2342 bp

 RefSeq ORF:
 1482 bp

 Locus ID:
 54920

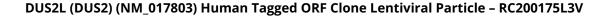
 UniProt ID:
 Q9NX74

Cytogenetics: 16q22.1

Domains: DSRM, Dus

MW: 55.1 kDa







## **Gene Summary:**

This gene encodes a cytoplasmic protein that catalyzes the conversion of uridine residues to dihydrouridine in the D-loop of tRNA. The resulting modified bases confer enhanced regional flexibility to tRNA. The encoded protein may increase the rate of translation by inhibiting an interferon-induced protein kinase. This gene has been implicated in pulmonary carcinogenesis. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Nov 2012]