

Product datasheet for RC201211L1

OriGene Technologies, Inc.

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Suppressor of Ty 4 homolog 1 (SUPT4H1) (NM_003168) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Suppressor of Ty 4 homolog 1 (SUPT4H1) (NM_003168) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Suppressor of Ty 4 homolog 1
Synonyms: SPT4; SPT4H; Supt4a; SUPT4H

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

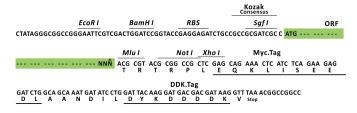
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201211).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_003168

ORF Size: 351 bp





Suppressor of Ty 4 homolog 1 (SUPT4H1) (NM_003168) Human Tagged Lenti ORF Clone – RC201211L1

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 003168.1</u>

RefSeq Size: 1545 bp

RefSeq ORF: 354 bp

Locus ID: 6827

UniProt ID: P63272

Cytogenetics: 17q22

Protein Families: Transcription Factors

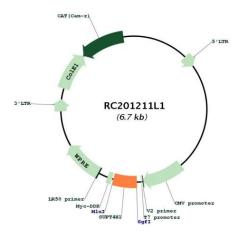
MW: 13.2 kDa

Gene Summary: This gene encodes the small subunit of DRB (5,6-dichloro-1-beta-d-

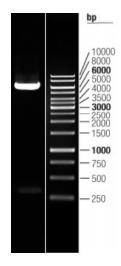
ribofuranosylbenzimidazole) sensitivity-inducing factor (DSIF) complex, which regulates mRNA processing and transcription elongation by RNA polymerase II. The encoded protein is localized to the nucleus and interacts with the large subunit (SUPT5H) to form the DSIF complex. Related pseudogenes have been identified on chromosomes 2 and 12. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2012]



Product images:



Circular map for RC201211L1



Double digestion of RC201211L1 using Sgfl and Mlul