

Product datasheet for RC209060L4

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OriGene Technologies, Inc.

SCML2 (NM_006089) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SCML2 (NM_006089) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SCML2

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 cl

Sequence:

The ORF insert of this clone is exactly the same as(RC209060).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_006089

ORF Size: 2100 bp



SCML2 (NM_006089) Human Tagged Lenti ORF Clone - RC209060L4

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 006089.1</u>

 RefSeq Size:
 4212 bp

 RefSeq ORF:
 2103 bp

 Locus ID:
 10389

 UniProt ID:
 Q9UQR0

Cytogenetics: Xp22.13

Domains: SAM, MBT

Protein Families: Transcription Factors

MW: 77.3 kDa

Gene Summary: This gene encodes a member of the Polycomb group proteins. These proteins form the

Polycomb repressive complexes which are involved in transcriptional repression. The

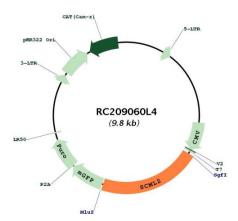
encoded protein binds histone peptides that are monomethylated at lysine residues and may

be involved in regulating homeotic gene expression during development. [provided by

RefSeq, Jun 2010]



Product images:



Circular map for RC209060L4