

Product datasheet for RC202335L4

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

SQRDL (SQOR) (NM_021199) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SQRDL (SQOR) (NM_021199) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SQOR

Synonyms: CGI-44; PRO1975; SQR; SQRDL

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

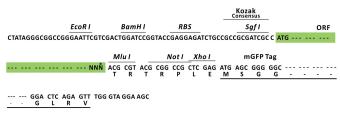
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC202335).

Sequence:

Restriction Sites: Cloning Scheme:





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

ACCN: NM_021199

ORF Size: 1350 bp

SQRDL (SQOR) (NM_021199) Human Tagged Lenti ORF Clone - RC202335L4

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 021199.2</u>

 RefSeq Size:
 2003 bp

 RefSeq ORF:
 1353 bp

 Locus ID:
 58472

 UniProt ID:
 Q9Y6N5

Cytogenetics: 15q21.1

Protein Families: Druggable Genome

MW: 50 kDa

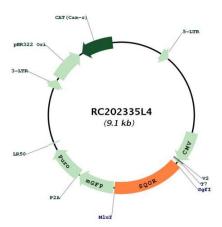
Gene Summary: The protein encoded by this gene may function in mitochondria to catalyze the conversion of

sulfide to persulfides, thereby decreasing toxic concentrations of sulfide. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep

2012]



Product images:



Circular map for RC202335L4