

## Product datasheet for RC215121L1

#### OriGene Technologies, Inc.

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## Quiescin Q6 (QSOX1) (NM\_002826) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Quiescin Q6 (QSOX1) (NM\_002826) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Quiescin Q6

Synonyms: Q6; QSCN6

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(RC215121).

Sequence:

**Restriction Sites:** Sgfl-Mlul

Cloning Scheme:





<sup>\*</sup> The last codon before the Stop codon of the ORF.

ACCN: NM\_002826

ORF Size: 2241 bp





### Quiescin Q6 (QSOX1) (NM\_002826) Human Tagged Lenti ORF Clone - RC215121L1

**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 002826.4</u>

RefSeq Size: 3316 bp
RefSeq ORF: 2244 bp
Locus ID: 5768

 UniProt ID:
 000391

 Cytogenetics:
 1q25.2

**Domains:** thiored, Evr1 Alr

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**MW:** 82.4 kDa

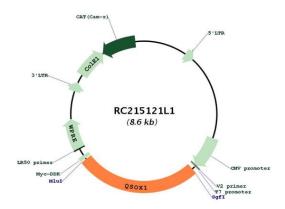
**Gene Summary:** This gene encodes a protein that contains domains of thioredoxin and ERV1, members of two

long-standing gene families. The gene expression is induced as fibroblasts begin to exit the proliferative cycle and enter quiescence, suggesting that this gene plays an important role in growth regulation. Two transcript variants encoding two different isoforms have been found

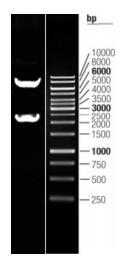
for this gene. [provided by RefSeq, Jul 2008]



# **Product images:**



Circular map for RC215121L1



Double digestion of RC215121L1 using Sgfl and Mlul  $\,$