

Product datasheet for **RC204373**

Quiescin Q6 (QSOX1) (NM_001004128) Human Tagged ORF Clone

Product data:

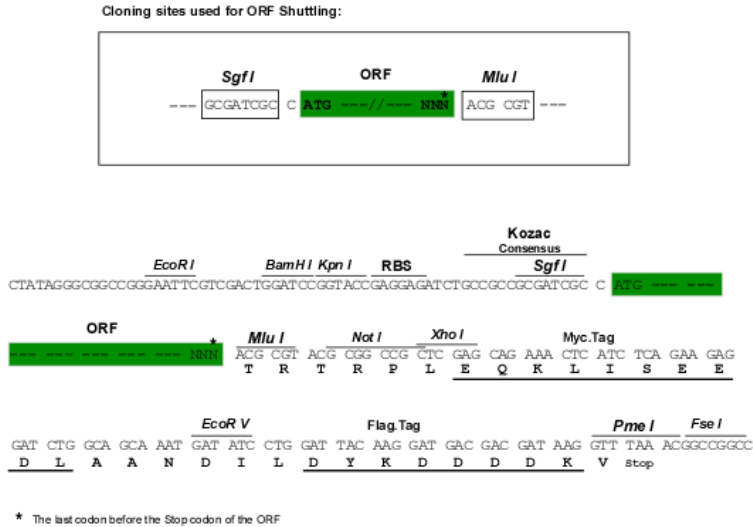
| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Quiescin Q6 (QSOX1) (NM_001004128) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Quiescin Q6 |
| Synonyms: | Q6; QSCN6 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001004128

ORF Size: 1812 bp

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: [NM_001004128.2](#), [NP_001004128.1](#)

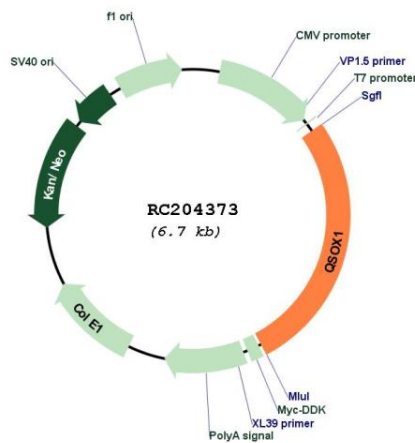
RefSeq Size: 2583 bp

RefSeq ORF: 1815 bp

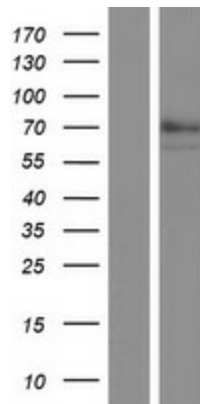
Locus ID: 5768
 UniProt ID: [O00391](#)
 Cytogenetics: 1q25.2
 Protein Families: Druggable Genome, Secreted Protein, Transmembrane
 MW: 66.9 kDa

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 RC204373



Western blot validation of overexpression lysate (Cat# [LY424068]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204373 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).