

## Product datasheet for **RC215121**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Quiescin Q6 (QSOX1) (NM_002826) 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)



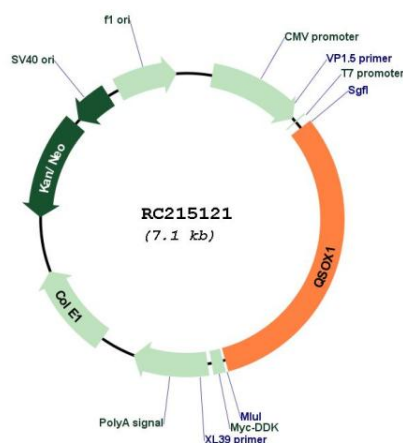
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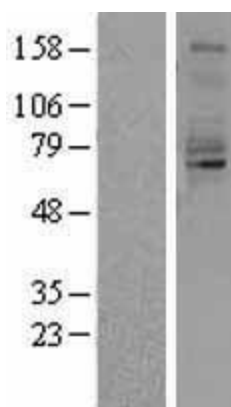


<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_002826.5</a></u>
<b>RefSeq Size:</b>	3316 bp
<b>RefSeq ORF:</b>	2244 bp
<b>Locus ID:</b>	5768
<b>UniProt ID:</b>	<u><a href="#">O00391</a></u>
<b>Cytogenetics:</b>	1q25.2
<b>Domains:</b>	thioredo, Evr1_Alr
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transmembrane
<b>MW:</b>	82.4 kDa
<b>Gene Summary:</b>	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 RC215121



Western blot validation of overexpression lysate (Cat# [LY401002]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215121 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).