

Product datasheet for RC208396L4

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SHOC2 (NM_007373) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SHOC2 (NM_007373) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SHOC2

Synonyms: NSLH1; SIAA0862; SOC2; SUR8

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 clone is exactly the same as(RC208396).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_007373

ORF Size: 1746 bp



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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 007373.2</u>

 RefSeq Size:
 3962 bp

 RefSeq ORF:
 1749 bp

 Locus ID:
 8036

UniProt ID: Q9UQ13

Cytogenetics: 10q25.2

Domains: LRR, LRR TYP, LRR BAC

Protein Families: Druggable Genome

MW: 64.9 kDa

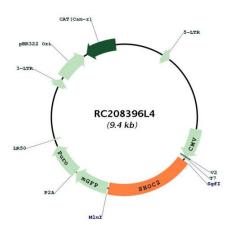
Gene Summary: This gene encodes a protein that consists almost entirely of leucine-rich repeats, a domain

implicated in protein-protein interactions. The protein may function as a scaffold linking RAS to downstream signal transducers in the RAS/ERK MAP kinase signaling cascade. Mutations in this gene have been associated with Noonan-like syndrome with loose anagen hair. [provided

by RefSeq, May 2010]



Product images:



Circular map for RC208396L4