

Product datasheet for RC228217L3

OriGene Technologies, Inc.

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SVH (ARMC10) (NM_001161011) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SVH (ARMC10) (NM_001161011) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: SVH

Synonyms: PNAS-112; PNAS112; PSEC0198; SVH

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-Mlul

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC228217).

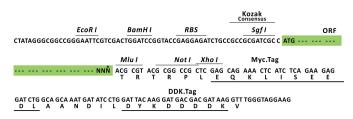
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf I ORF Mlu I

GGG ATC GC ATG ---//--- NNN ACG CGT ---



 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_001161011

ORF Size: 852 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 001161011.1, NP 001154483.1</u>

 RefSeq ORF:
 855 bp

 Locus ID:
 83787

 UniProt ID:
 Q8N2F6

 Cytogenetics:
 7q22.1

Protein Families: Transmembrane

MW: 31 kDa

Gene Summary: This gene encodes a protein that contains an armadillo repeat and transmembrane domain.

The encoded protein decreases the transcriptional activity of the tumor suppressor protein p53 through direct interaction with the DNA-binding domain of p53, and may play a role in

cell growth and survival. Upregulation of this gene may play a role in hepatocellular carcinoma. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of

chromosome 3. [provided by RefSeq, Sep 2011]