

Product datasheet for RC230672L3

OriGene Technologies, Inc.

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Smad Interacting Protein 1 (ZEB2) (NM_001171653) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Smad Interacting Protein 1 (ZEB2) (NM_001171653) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Smad Interacting Protein 1

Synonyms: HSPC082; SIP-1; SIP1; SMADIP1; ZFHX1B

Mammalian Cell

Selection:

Puromycin

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

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

ORF Nucleotide The ORF insert of this c

Sequence:

The ORF insert of this clone is exactly the same as(RC230672).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



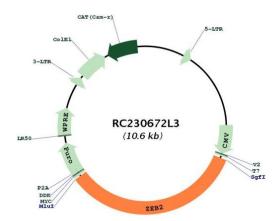


^{*} The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_001171653

ORF Size: 3570 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.

RefSeq: NM 001171653.1

RefSeq ORF: 3573 bp **Locus ID:** 9839



Smad Interacting Protein 1 (ZEB2) (NM_001171653) Human Tagged Lenti ORF Clone - RC230672L3

UniProt ID: O60315
Cytogenetics: 2q22.3

Protein Families: Druggable Genome, Transcription Factors

MW: 134.3 kDa

Gene Summary: The protein encoded by this gene is a member of the Zfh1 family of 2-handed zinc

finger/homeodomain proteins. It is located in the nucleus and functions as a DNA-binding transcriptional repressor that interacts with activated SMADs. Mutations in this gene are associated with Hirschsprung disease/Mowat-Wilson syndrome. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jan 2010]