

Product datasheet for **RC230672L4V**

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

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smad Interacting Protein 1 (ZEB2) (NM_001171653) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Smad Interacting Protein 1
Synonyms:	HSPC082; SIP-1; SIP1; SMADIP1; ZFH1B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171653
ORF Size:	3570 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230672).
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.
RefSeq:	NM_001171653.1
RefSeq ORF:	3573 bp
Locus ID:	9839
UniProt ID:	O60315
Cytogenetics:	2q22.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	134.3 kDa



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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]