

Product datasheet for **RC204143L2V**

SMAD9 (NM_005905) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SMAD9 (NM_005905) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMAD9
Synonyms:	MADH6; MADH9; PPH2; SMAD8; SMAD8/9; SMAD8A; SMAD8B
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005905
ORF Size:	1290 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204143).
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_005905.2
RefSeq Size:	5481 bp
RefSeq ORF:	1293 bp
Locus ID:	4093
UniProt ID:	O15198
Cytogenetics:	13q13.3
Domains:	DWB, DWA, MH1
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors



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Protein Pathways: TGF-beta signaling pathway

MW: 48.6 kDa

Gene Summary: The protein encoded by this gene is a member of the SMAD family, which transduces signals from TGF-beta family members. The encoded protein is activated by bone morphogenetic proteins and interacts with SMAD4. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]