

Product datasheet for **MR221575L4V**

Smyd1 (NM_009762) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smyd1 (NM_009762) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Smyd1
Synonyms:	4632404M21Rik; Bop; C78565; Zmynd18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009762
ORF Size:	1431 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221575).
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_009762.2 , NP_033892.2
RefSeq Size:	3340 bp
RefSeq ORF:	1434 bp
Locus ID:	12180
UniProt ID:	P97443
Cytogenetics:	6 32.14 cM
Gene Summary:	Methylates histone H3 at 'Lys-4' (H3K4me). Acts as a transcriptional repressor. Essential for cardiomyocyte differentiation and cardiac morphogenesis.[UniProtKB/Swiss-Prot Function]



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