

Product datasheet for **MR211996L4V**

Setd5 (BC083184) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Setd5 (BC083184) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Setd5
Synonyms:	mKIAA1757, C330007C20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC083184
ORF Size:	4380 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211996).
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:	BC083184.1
RefSeq Size:	6372 bp
RefSeq ORF:	4382 bp
Locus ID:	72895
Cytogenetics:	6 E3



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Gene Summary:

Displays histone methyltransferase activity and monomethylates 'Lys-9' of histone H3 in vitro (PubMed:22939622). The physiological significance of this activity is unclear (Probable) (PubMed:22939622). Probable transcriptional regulator that acts via the formation of large multiprotein complexes that modify and/or remodel the chromatin. Acts as a regulator of histone acetylation during gene transcription (PubMed:27864380).[UniProtKB/Swiss-Prot Function]