Product datasheet for MR215383L3V

Zfp281 (NM_001160251) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zfp281 (NM_001160251) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zfp281
Synonyms:	Znf281
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001160251
ORF Size:	2679 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215383).
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_001160251.1, NP_001153723.1
RefSeq Size:	5275 bp
RefSeq ORF:	2682 bp
Locus ID:	226442
UniProt ID:	Q99LI5
Cytogenetics:	1 E4

View online »

Gene Summary: Transcription repressor that plays a role in regulation of embryonic stem cells (ESCs) differentiation. Required for ESCs differentiation and acts by mediating autorepression of NANOG in ESCs: binds to the NANOG promoter and promotes association of NANOG protein to its own promoter and recruits the NuRD complex, which deacetylates histones. Not required for establishement and maintenance of ESCs. Represses the transcription of a number of genes including GAST, ODC1 and VIM. Binds to the G-rich box in the enhancer region of these genes.[UniProtKB/Swiss-Prot Function]