

Product datasheet for **MR227023L4V**

Gli1 (NM_010296) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gli1 (NM_010296) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gli1
Synonyms:	AV235269; Zfp-5; Zfp5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010296
ORF Size:	3333 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227023).
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_010296.2 , NP_034426.2
RefSeq Size:	3662 bp
RefSeq ORF:	3336 bp
Locus ID:	14632
UniProt ID:	P47806
Cytogenetics:	10 74.5 cM



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Gene Summary:

Acts as a transcriptional activator. Binds to the DNA consensus sequence 5'-GACCACCCA-3'. Regulates the transcription of specific genes during normal development. Plays a role in craniofacial development and digital development, as well as development of the central nervous system and gastrointestinal tract. Mediates SHH signaling. Plays a role in cell proliferation and differentiation via its role in SHH signaling.[UniProtKB/Swiss-Prot Function]