

Product datasheet for **MR211570L4V**

Zmiz1 (BC058646) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zmiz1 (BC058646) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zmiz1
Synonyms:	BC065120; E330020C23; ENSMUSG00000072684; Gm10397; I920194n01; Rai17; Zimp10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC058646
ORF Size:	3198 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211570).
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:	BC058646.1
RefSeq Size:	5403 bp
RefSeq ORF:	3200 bp
Locus ID:	328365
Cytogenetics:	14 A3



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Gene Summary:

Acts as transcriptional coactivator. Increases ligand-dependent transcriptional activity of AR and promotes AR sumoylation. The stimulation of AR activity is dependent upon sumoylation (By similarity). Involved in transcriptional activation of a subset of NOTCH1 target genes including MYC. Involved in thymocyte and T cell development (PubMed:26522984). [UniProtKB/Swiss-Prot Function]