

Product datasheet for **MR210955L3V**

Dzip1 (NM_025943) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dzip1 (NM_025943) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dzip1
Synonyms:	2510025K24Rik; 2810422M04Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_025943
ORF Size:	2556 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210955).
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_025943.2 , NP_080219.2
RefSeq Size:	4476 bp
RefSeq ORF:	2559 bp
Locus ID:	66573
UniProt ID:	Q8BMD2
Cytogenetics:	14 E4



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Gene Summary:

This gene encodes a zinc finger protein that has been demonstrated to interact with the deleted in azoospermia (DAZ) protein. DAZ plays an important role early in germ cell development to maintain the initial germ cell population. Deletion of this gene in mice compromises Hedgehog signaling during embryogenesis. Mouse embryos lacking the encoded protein show severe developmental defects with dorsalized neural tubes and underdeveloped somites. Alternative splicing of this gene results in multiple transcript variants. A pseudogene for this gene has been identified on chromosome 5. [provided by RefSeq, Jan 2015]