

Product datasheet for **MR211683L4V**

Zfpm2 (BC059241) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zfpm2 (BC059241) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zfpm2
Synonyms:	FOG-2, FOG2, B330005D23Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC059241
ORF Size:	3399 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211683).
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:	BC059241.1
RefSeq Size:	4832 bp
RefSeq ORF:	3401 bp
Locus ID:	22762
Cytogenetics:	15 15.74 cM



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Gene Summary:

Transcription regulator that plays a central role in heart morphogenesis and development of coronary vessels from epicardium, by regulating genes that are essential during cardiogenesis. Essential cofactor that acts via the formation of a heterodimer with transcription factors of the GATA family GATA4, GATA5 and GATA6. Such heterodimer can both activate or repress transcriptional activity, depending on the cell and promoter context. Also required in gonadal differentiation, possibly be regulating expression of SRY. Probably acts a corepressor of NR2F2.[UniProtKB/Swiss-Prot Function]