

Product datasheet for MR222638L3

Zfpm2 (NM_011766) Mouse Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfpm2 (NM_011766) Mouse Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	Zfpm2
Synonyms:	B330005D23Rik; FOG-2; FOG2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222638).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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Locus ID: 22762

UniProt ID: [Q8CCH7](#)

Cytogenetics: 15 15.74 cM

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 by regulating expression of SRY. Probably acts a corepressor of NR2F2.[UniProtKB/Swiss-Prot Function]