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Product datasheet for RC214338L1V

FOG2 (ZFPM2) (NM_012082) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FOG2 (ZFPM2) (NM_012082) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FOG2
Synonyms:	DIH3; FOG2; hFOG-2; SRXY9; ZC2HC11B; ZNF89B
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_012082
ORF Size:	3453 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214338).
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_012082.2
RefSeq Size:	4507 bp
RefSeq ORF:	3456 bp
Locus ID:	23414
UniProt ID:	Q8WW38
Cytogenetics:	8q23.1
Domains:	zf-C2H2
Protein Families:	Transcription Factors

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MW: 128 kDa

Gene Summary: The zinc finger protein encoded by this gene is a widely expressed member of the FOG family of transcription factors. The family members modulate the activity of GATA family proteins, which are important regulators of hematopoiesis and cardiogenesis in mammals. It has been demonstrated that the protein can both activate and down-regulate expression of GATA-target genes, suggesting different modulation in different promoter contexts. A related mRNA suggests an alternatively spliced product but this information is not yet fully supported by the sequence. [provided by RefSeq, Jul 2008]

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