

## Product datasheet for RC214338L1V

## OriGene Technologies, Inc.

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## 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: ZFPM2

Synonyms: DIH3; FOG2; hFOG-2; SRXY9; ZC2HC11B; ZNF89B

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-Myc-DDK (PS100064)

3453 bp

Tag:Myc-DDKACCN:NM\_012082

ORF Nucleotide

Sequence:

**ORF Size:** 

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.

**RefSeg:** NM 012082.2

 RefSeq Size:
 4507 bp

 RefSeq ORF:
 3456 bp

 Locus ID:
 23414

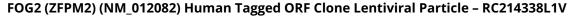
 UniProt ID:
 08WW38

 Cytogenetics:
 8q23.1

Domains: zf-C2H2

**Protein Families:** Transcription Factors





**MW:** 128 kDa

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**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]