

Product datasheet for RC214338L3V

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: FOG2

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

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 012082

ORF Size: 3453 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC214338).

Sequence:
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.

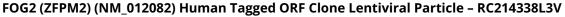
RefSeq: <u>NM 012082.2</u>

RefSeq Size: 4507 bp
RefSeq ORF: 3456 bp
Locus ID: 23414
UniProt ID: Q8WW38
Cytogenetics: 8q23.1

Domains: zf-C2H2

Protein Families: Transcription Factors





128 kDa

Gene Summary:

ORIGENE

MW:

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]