

Product datasheet for **RC205106L1V**

MIF (NM_002415) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MIF (NM_002415) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MIF
Synonyms:	GIF; GLIF; MMIF
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002415
ORF Size:	345 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205106).
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_002415.1
RefSeq Size:	561 bp
RefSeq ORF:	348 bp
Locus ID:	4282
UniProt ID:	P14174
Cytogenetics:	22q11.23
Domains:	MIF
Protein Families:	Druggable Genome



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Protein Pathways: Phenylalanine metabolism, Tyrosine metabolism

MW: 12.5 kDa

Gene Summary: This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq, Jul 2008]