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Product datasheet for RC210042L4V

KLF2 (NM_016270) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KLF2 (NM_016270) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KLF2
Synonyms:	LKLF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016270
ORF Size:	1065 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC210042).`
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_016270.2
RefSeq Size:	1655 bp
RefSeq ORF:	1068 bp
Locus ID:	10365
UniProt ID:	Q9Y5W3
Cytogenetics:	19p13.11
Domains:	zf-C2H2
Protein Families:	Transcription Factors

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MW: 37.4 kDa

Gene Summary: This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is expressed early in mammalian development and is found in many different cell types. The protein acts to bind the CACCC box found in the promoter of target genes to activate their transcription. It plays a role in many processes during development and disease including adipogenesis, embryonic erythropoiesis, epithelial integrity, inflammation and t-cell viability. [provided by RefSeq, Mar 2017]