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Product datasheet for RC202923L2V

DLK (DLK1) (NM_003836) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DLK (DLK1) (NM_003836) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DLK
Synonyms:	Delta1; DLK; DLK-1; FA1; pG2; Pref-1; PREF1; ZOG
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003836
ORF Size:	1149 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202923).`
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_003836.4
RefSeq Size:	1599 bp
RefSeq ORF:	1152 bp
Locus ID:	8788
UniProt ID:	P80370
Cytogenetics:	14q32.2
Domains:	EGF_CA, EGF, EGF
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

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MW: 41.2 kDa

Gene Summary: This gene encodes a transmembrane protein that contains multiple epidermal growth factor repeats that functions as a regulator of cell growth. The encoded protein is involved in the differentiation of several cell types including adipocytes. This gene is located in a region of chromosome 14 frequently showing unparental disomy, and is imprinted and expressed from the paternal allele. A single nucleotide variant in this gene is associated with child and adolescent obesity and shows polar overdominance, where heterozygotes carrying an active paternal allele express the phenotype, while mutant homozygotes are normal. [provided by RefSeq, Nov 2015]