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Product datasheet for RC203938L3V

LITAF (NM_004862) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LITAF (NM_004862) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LITAF
Synonyms:	PIG7; SIMPLE; TP53I7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004862
ORF Size:	483 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203938).`
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_004862.2
RefSeq Size:	2642 bp
RefSeq ORF:	486 bp
Locus ID:	9516
UniProt ID:	Q99732
Cytogenetics:	16p13.13
Domains:	LITAF
Protein Families:	Druggable Genome, Transcription Factors

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MW: 17.1 kDa

Gene Summary: Lipopolysaccharide is a potent stimulator of monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2014]