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Product datasheet for RC209363L1V

LCN1 (NM_002297) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LCN1 (NM_002297) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LCN1
Synonyms:	PMFA; TLC; TP; VEGP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002297
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209363).
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_002297.2
RefSeq Size:	789 bp
RefSeq ORF:	531 bp
Locus ID:	3933
UniProt ID:	P31025
Cytogenetics:	9q34.3
Protein Families:	Secreted Protein
MW:	19.3 kDa

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Gene Summary: This gene encodes a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. The encoded protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. The encoded protein may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9. [provided by RefSeq, Nov 2011]