

Product datasheet for **RC201670L2V**

Plastin L (LCP1) (NM_002298) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plastin L (LCP1) (NM_002298) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Plastin L
Synonyms:	CP64; HEL-S-37; L-PLASTIN; LC64P; LPL; PLS2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002298
ORF Size:	1881 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201670).
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_002298.2 , NP_002289.1
RefSeq Size:	3808 bp
RefSeq ORF:	1884 bp
Locus ID:	3936
UniProt ID:	P13796
Cytogenetics:	13q14.13
Domains:	CH, EFh
MW:	70.3 kDa



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Gene Summary:

Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). However, L-plastin has been found in many types of malignant human cells of non-hemopoietic origin suggesting that its expression is induced accompanying tumorigenesis in solid tissues. [provided by RefSeq, Jul 2008]