

## Product datasheet for **RC228966L3V**

### PLEKHN1 (NM\_001160184) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PLEKHN1 (NM_001160184) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLEKHN1
Synonyms:	CLPABP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001160184
ORF Size:	1728 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228966).
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. <a href="#">More info</a>
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:	<a href="#">NM_001160184.1</a> , <a href="#">NP_001153656.1</a>
RefSeq ORF:	1731 bp
Locus ID:	84069
UniProt ID:	<a href="#">Q494U1</a>
Cytogenetics:	1p36.33
MW:	62.4 kDa


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**Gene Summary:**

Controls the stability of the leptin mRNA harboring an AU-rich element (ARE) in its 3' UTR, in cooperation with the RNA stabilizer ELAVL1 (PubMed:29180010). Decreases the stability of the leptin mRNA by antagonizing the function of ELAVL1 by inducing its atypical recruitment from the nucleus to the cytosol (By similarity). Binds to cardiolipin (CL), phosphatidic acid (PA), phosphatidylinositol 4-phosphate (PtdIns(4)P) and phosphatidylserine (PS) (PubMed:18191643). Promotes apoptosis by enhancing BAX-BAK hetero-oligomerization via interaction with BID in colon cancer cells (PubMed:29531808) (By similarity).  
[UniProtKB/Swiss-Prot Function]