

## Product datasheet for **RC220010L2V**

### ERBIN (NM\_018695) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ERBIN (NM_018695) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ERBIN
Synonyms:	ERBB2IP; HEL-S-78; LAP2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_018695
ORF Size:	4113 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220010).
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_018695.2</a> , <a href="#">NP_061165.1</a>
RefSeq Size:	6916 bp
RefSeq ORF:	4116 bp
Locus ID:	55914
UniProt ID:	<a href="#">Q96RT1</a>
Cytogenetics:	5q12.3
Domains:	PDZ, LRR, LRR_TYP, LRR_BAC, LRR_PS
Protein Families:	Druggable Genome



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**Protein Pathways:** NOD-like receptor signaling pathway

**MW:** 153.7 kDa

**Gene Summary:** This gene is a member of the leucine-rich repeat and PDZ domain (LAP) family. The encoded protein contains 17 leucine-rich repeats and one PDZ domain. It binds to the unphosphorylated form of the ERBB2 protein and regulates ERBB2 function and localization. It has also been shown to affect the Ras signaling pathway by disrupting Ras-Raf interaction. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]