

## Product datasheet for **RC217662L4V**

### RLTPR (CARMIL2) (NM\_001013838) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RLTPR (CARMIL2) (NM_001013838) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RLTPR
Synonyms:	CARMIL2b; IMD58; LRRRC16C; RLTPR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013838
ORF Size:	4305 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217662).
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_001013838.1</a>
RefSeq Size:	4512 bp
RefSeq ORF:	4308 bp
Locus ID:	146206
UniProt ID:	<a href="#">Q6F5E8</a>
Cytogenetics:	16q22.1
MW:	154.5 kDa



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**Gene Summary:**

This gene encodes a member of the CARMIL (capping protein, Arp2/3, myosin-I linker) family of proteins. The encoded protein interacts with and negatively regulates the heterodimeric capping protein and promotes cell migration. Reduced expression of this gene has been observed in human psoriasis patients. Mutations in this gene cause a human immunodeficiency syndrome characterized by smooth muscle tumors and impaired T-cell function. [provided by RefSeq, May 2017]