

Product datasheet for **RC222216L4V**

ERLIN1 (NM_001100626) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ERLIN1 (NM_001100626) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ERLIN1
Synonyms:	C10orf69; Erlin-1; KE04; KEO4; SPFH1; SPG62
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001100626
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222216).
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_001100626.1 , NP_001094096.1
RefSeq Size:	3206 bp
RefSeq ORF:	1047 bp
Locus ID:	10613
UniProt ID:	O75477
Cytogenetics:	10q24.31
Protein Families:	Transmembrane
MW:	38.9 kDa



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Gene Summary:

The protein encoded by this gene is part of a protein complex that mediates degradation of inositol 1,4,5-trisphosphate receptors in the endoplasmic reticulum. The encoded protein also binds cholesterol and regulates the SREBP signaling pathway, which promotes cellular cholesterol homeostasis. Defects in this gene have been associated with spastic paraplegia 62. [provided by RefSeq, Dec 2016]