

Product datasheet for **RC219016L4V**

ZFR (NM_016107) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZFR (NM_016107) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZFR
Synonyms:	SPG71; ZFR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016107
ORF Size:	3222 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219016).
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_016107.3
RefSeq Size:	4746 bp
RefSeq ORF:	3225 bp
Locus ID:	51663
UniProt ID:	Q96KR1
Cytogenetics:	5p13.3
Domains:	DZF
MW:	116.8 kDa



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Gene Summary:

This gene encodes an RNA-binding protein characterized by its DZF (domain associated with zinc fingers) domain. The encoded protein may play a role in the nucleocytoplasmic shuttling of another RNA-binding protein, Staufen homolog 2, in neurons. Expression of this gene is regulated through alternative polyadenylation that mediates differential microRNA targeting. Elevated expression of this gene has been observed in human patients with pancreatic cancer and knockdown of this gene may result in reduced viability and invasion of pancreatic cancer cells. [provided by RefSeq, Sep 2016]