

## Product datasheet for **RC204045L4V**

### 14-3-3 sigma (SFN) (NM\_006142) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	14-3-3 sigma (SFN) (NM_006142) Human Tagged ORF Clone Lentiviral Particle
Symbol:	14-3-3 sigma
Synonyms:	YWHAS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006142
ORF Size:	744 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204045).
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_006142.3</a>
RefSeq Size:	1336 bp
RefSeq ORF:	747 bp
Locus ID:	2810
UniProt ID:	<a href="#">P31947</a>
Cytogenetics:	1p36.11
Domains:	14-3-3
Protein Families:	Druggable Genome, Secreted Protein



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**Protein Pathways:** Cell cycle, p53 signaling pathway

**MW:** 27.8 kDa

**Gene Summary:** This gene encodes a cell cycle checkpoint protein. The encoded protein binds to translation and initiation factors and functions as a regulator of mitotic translation. In response to DNA damage this protein plays a role in preventing DNA errors during mitosis. [provided by RefSeq, Aug 2017]