

## Product datasheet for **RC208094L4V**

### WIPI1 (NM\_017983) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	WIPI1 (NM_017983) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WIPI1
Synonyms:	ATG18; ATG18A; WIPI49
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017983
ORF Size:	1338 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208094).
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_017983.3</a>
RefSeq Size:	1939 bp
RefSeq ORF:	1341 bp
Locus ID:	55062
UniProt ID:	<a href="#">Q5MNZ9</a>
Cytogenetics:	17q24.2
Domains:	WD40
MW:	48.7 kDa



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**Gene Summary:**

This gene encodes a WD40 repeat protein. Members of the WD40 repeat family are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]