

## Product datasheet for **RC223690L4V**

### WAPL (NM\_015045) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	WAPL (NM_015045) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WAPL
Synonyms:	FOE; KIAA0261; WAPAL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015045
ORF Size:	3570 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223690).
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_015045.1</a>
RefSeq Size:	6307 bp
RefSeq ORF:	3573 bp
Locus ID:	23063
UniProt ID:	<a href="#">Q7Z5K2</a>
Cytogenetics:	10q23.2
MW:	132.9 kDa


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**Gene Summary:**

Regulator of sister chromatid cohesion in mitosis which negatively regulates cohesin association with chromatin. Involved in both sister chromatid cohesion during interphase and sister-chromatid resolution during early stages of mitosis. Couples DNA replication to sister chromatid cohesion. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.[UniProtKB/Swiss-Prot Function]