

## Product datasheet for **RC204697L4V**

### SLPI (NM\_003064) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLPI (NM_003064) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLPI
Synonyms:	ALK1; ALP; BLPI; HUSI; HUSI-I; MPI; WAP4; WFDC4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003064
ORF Size:	396 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204697).
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_003064.2</a>
RefSeq Size:	625 bp
RefSeq ORF:	399 bp
Locus ID:	6590
UniProt ID:	<a href="#">P03973</a>
Cytogenetics:	20q13.12
Domains:	WAP
Protein Families:	Secreted Protein



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**MW:** 14.3 kDa

**Gene Summary:** This gene encodes a secreted inhibitor which protects epithelial tissues from serine proteases. It is found in various secretions including seminal plasma, cervical mucus, and bronchial secretions, and has affinity for trypsin, leukocyte elastase, and cathepsin G. Its inhibitory effect contributes to the immune response by protecting epithelial surfaces from attack by endogenous proteolytic enzymes. This antimicrobial protein has antibacterial, antifungal and antiviral activity. [provided by RefSeq, Nov 2014]