

## Product datasheet for **RC212495L4V**

### SFTPA2 (NM\_001098668) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SFTPA2 (NM_001098668) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SFTPA2
Synonyms:	COLEC5; PSAP; PSP-A; PSPA; SFTP1; SFTPA2B; SP-2A; SP-A; SPA2; SPALL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001098668
ORF Size:	744 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212495).
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_001098668.1</a>
RefSeq Size:	2189 bp
RefSeq ORF:	747 bp
Locus ID:	729238
UniProt ID:	<a href="#">Q8IWL1</a>
Cytogenetics:	10q22.3
MW:	26 kDa


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**Gene Summary:**

This gene is one of several genes encoding pulmonary-surfactant associated proteins (SFTPA) located on chromosome 10. Mutations in this gene and a highly similar gene located nearby, which affect the highly conserved carbohydrate recognition domain, are associated with idiopathic pulmonary fibrosis. The current version of the assembly displays only a single centromeric SFTPA gene pair rather than the two gene pairs shown in the previous assembly which were thought to have resulted from a duplication. [provided by RefSeq, Sep 2009]