

## Product datasheet for **RC221101L4V**

### SMC1L2 (SMC1B) (NM\_148674) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SMC1L2 (SMC1B) (NM_148674) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMC1L2
Synonyms:	SMC1BETA; SMC1L2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_148674
ORF Size:	3705 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221101).
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_148674.3</a> , <a href="#">NP_683515.3</a>
RefSeq Size:	4266 bp
RefSeq ORF:	3708 bp
Locus ID:	27127
UniProt ID:	<a href="#">Q8NDV3</a>
Cytogenetics:	22q13.31
Domains:	SMC_N, SMC_C
Protein Pathways:	Cell cycle, Oocyte meiosis



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**MW:** 143.7 kDa

**Gene Summary:** SMC1L2 belongs to a family of proteins required for chromatid cohesion and DNA recombination during meiosis and mitosis (3:Revenkova et al., 2001 [PubMed 11564881]). [supplied by OMIM, Mar 2008]