

Product datasheet for **RC212274L4V**

SP100 (NM_001080391) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SP100 (NM_001080391) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SP100
Synonyms:	lysp100b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080391
ORF Size:	2655 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212274).
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. More info
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:	NM_001080391.1
RefSeq Size:	5455 bp
RefSeq ORF:	2658 bp
Locus ID:	6672
UniProt ID:	P23497
Cytogenetics:	2q37.1
Protein Families:	Transcription Factors
MW:	101.4 kDa



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Gene Summary:

This gene encodes a subnuclear organelle and major component of the PML (promyelocytic leukemia)-SP100 nuclear bodies. PML and SP100 are covalently modified by the SUMO-1 modifier, which is considered crucial to nuclear body interactions. The encoded protein binds heterochromatin proteins and is thought to play a role in tumorigenesis, immunity, and gene regulation. Alternatively spliced variants have been identified for this gene; one of which encodes a high-mobility group protein. [provided by RefSeq, Aug 2011]