

## Product datasheet for **RC222828L4V**

### SP140 (NM\_007237) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SP140 (NM_007237) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SP140
Synonyms:	LYSP100; LYSP100-A; LYSP100-B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007237
ORF Size:	2601 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222828).
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_007237.3</a>
RefSeq Size:	3269 bp
RefSeq ORF:	2604 bp
Locus ID:	11262
UniProt ID:	<a href="#">Q13342</a>
Cytogenetics:	2q37.1
Domains:	SAND, BROMO, PHD, Sp100
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 98 kDa

**Gene Summary:** This gene encodes a member of the SP100 family of proteins, which share common domains including an N-terminal homogeneously staining region domain followed by a SP100/autoimmune regulator/NucP41/P75/deformed epidermal autoregulatory factor domain, a plant homeobox zinc finger, and a bromodomain. The encoded protein is interferon-inducible and is expressed at high levels in the nuclei of leukocytes. Variants of this gene have been associated with multiple sclerosis, Crohn's disease, and chronic lymphocytic leukemia. Alternative splicing results in multiple variants. [provided by RefSeq, Aug 2016]