

## Product datasheet for **RC205648L3V**

### SP110 (NM\_004510) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SP110 (NM_004510) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SP110
Synonyms:	IFI41; IFI75; IPR1; VODI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004510
ORF Size:	4632 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205648).
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_004510.2</a>
RefSeq Size:	2099 bp
RefSeq ORF:	1650 bp
Locus ID:	3431
Cytogenetics:	2q37.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	61.8 kDa



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**Gene Summary:**

The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140 family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified. [provided by RefSeq, Jul 2008]