

Product datasheet for **RC217488L4V**

SPI1 (NM_001080547) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPI1 (NM_001080547) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPI1
Synonyms:	OF; PU.1; SFP11; SPI-1; SPI-A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080547
ORF Size:	813 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217488).
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_001080547.1
RefSeq Size:	1426 bp
RefSeq ORF:	816 bp
Locus ID:	6688
UniProt ID:	P17947
Cytogenetics:	11p11.2
Protein Families:	Transcription Factors
Protein Pathways:	Acute myeloid leukemia, Pathways in cancer



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MW: 31 kDa

Gene Summary: This gene encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]