

Product datasheet for **MR217385L4V**

Clk1 (NM_001042634) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clk1 (NM_001042634) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Clk1
Synonyms:	STY
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042634
ORF Size:	1449 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217385).
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_001042634.2 , NP_001036099.1
RefSeq Size:	1830 bp
RefSeq ORF:	1452 bp
Locus ID:	12747
UniProt ID:	P22518
Cytogenetics:	1 29.09 cM



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Gene Summary:

Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex and may be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Phosphorylates: SRSF1, SRSF3 and PTPN1. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells and adenovirus E1A pre-mRNA.
[UniProtKB/Swiss-Prot Function]