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Product datasheet for RC200414L3V

SSRP1 (NM_003146) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SSRP1 (NM_003146) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SSRP1
Synonyms:	FACT; FACT80; T160
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003146
ORF Size:	2127 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200414).`
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_003146.2
RefSeq Size:	2825 bp
RefSeq ORF:	2130 bp
Locus ID:	6749
UniProt ID:	Q08945
Cytogenetics:	11q12.1
Domains:	HMG, SSrecog
Protein Families:	Transcription Factors

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MW:	81.1 kDa
Gene Summary:	The protein encoded by this gene is a subunit of a heterodimer that, along with SUPT16H, forms chromatin transcriptional elongation factor FACT. FACT interacts specifically with histones H2A/H2B to effect nucleosome disassembly and transcription elongation. FACT and cisplatin-damaged DNA may be crucial to the anticancer mechanism of cisplatin. This encoded protein contains a high mobility group box which most likely constitutes the structure recognition element for cisplatin-modified DNA. This protein also functions as a co-activator of the transcriptional activator p63. An alternatively spliced transcript variant of this gene has been described, but its full-length nature is not known. [provided by RefSeq, Jul 2008]