

## Product datasheet for RC218797L4V

### SUPT16H (NM\_007192) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SUPT16H (NM_007192) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SUPT16H
Synonyms:	CDC68; FACTP140; SPT16; SPT16/CDC68
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007192
ORF Size:	3141 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218797).
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_007192.2</a> , <a href="#">NP_009123.1</a>
RefSeq Size:	4696 bp
RefSeq ORF:	3144 bp
Locus ID:	11198
UniProt ID:	<a href="#">Q9Y5B9</a>
Cytogenetics:	14q11.2
Domains:	Peptidase_M24
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 119.7 kDa

**Gene Summary:** Transcription of protein-coding genes can be reconstituted on naked DNA with only the general transcription factors and RNA polymerase II. However, this minimal system cannot transcribe DNA packaged into chromatin, indicating that accessory factors may facilitate access to DNA. One such factor, FACT (facilitates chromatin transcription), interacts specifically with histones H2A/H2B to effect nucleosome disassembly and transcription elongation. FACT is composed of an 80 kDa subunit and a 140 kDa subunit; this gene encodes the 140 kDa subunit. [provided by RefSeq, Feb 2009]