

## Product datasheet for **RC224144L4V**

### SOCS4 (NM\_080867) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SOCS4 (NM_080867) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SOCS4
Synonyms:	SOCS7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080867
ORF Size:	1320 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224144).
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_080867.2</a>
RefSeq Size:	6900 bp
RefSeq ORF:	1323 bp
Locus ID:	122809
UniProt ID:	<a href="#">Q8WXH5</a>
Cytogenetics:	14q22.3
Domains:	SH2, SOCS
Protein Families:	Druggable Genome



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**Protein Pathways:** Insulin signaling pathway, Jak-STAT signaling pathway, Type II diabetes mellitus

**MW:** 50.6 kDa

**Gene Summary:** The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS), also known as STAT-induced STAT inhibitor (SSI), protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]