

Product datasheet for **RC214950L3V**

SOCS5 (NM_014011) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SOCS5 (NM_014011) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SOCS5
Synonyms:	CIS6; Cish5; CISH6; SOCS-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014011
ORF Size:	1608 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214950).
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_014011.4 , NP_054730.1
RefSeq Size:	4422 bp
RefSeq ORF:	1611 bp
Locus ID:	9655
UniProt ID:	O75159
Cytogenetics:	2p21
Domains:	SH2, SOCS
Protein Families:	Druggable Genome



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Protein Pathways: Jak-STAT signaling pathway

MW: 61.1 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) family, also known as STAT-induced STAT inhibitor (SSI) protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The specific function of this protein has not yet been determined. Two alternatively spliced transcript variants encoding an identical protein have been reported. [provided by RefSeq, Jul 2008]