

## Product datasheet for **MR208589L4V**

### Socs5 (NM\_019654) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Socs5 (NM_019654) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Socs5
Synonyms:	1810018L08Rik; Cish5; mKIAA0671
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019654
ORF Size:	1611 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208589).
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_019654.2</a> , <a href="#">NP_062628.2</a>
RefSeq Size:	4460 bp
RefSeq ORF:	1611 bp
Locus ID:	56468
UniProt ID:	<a href="#">O54928</a>
Cytogenetics:	17 E4



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**Gene Summary:**

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. May be a substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits for instance EGF signaling by mediating the degradation of the EGF receptor/EGFR. Involved in the regulation of T-helper cell differentiation by inhibiting of the IL4 signaling pathway which promotes differentiation into the Th2 phenotype. Can also partially inhibit IL6 and LIF signaling.[UniProtKB/Swiss-Prot Function]