Product datasheet for MR203328L4V

Cish (NM_009895) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cish (NM_009895) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cish
Synonyms:	Cis; CIS-1; CIS1; F17; F23; SOCS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009895
ORF Size:	774 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203328).
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_009895.3
RefSeq Size:	2161 bp
RefSeq ORF:	774 bp
Locus ID:	12700
UniProt ID:	Q62225
Cytogenetics:	9 57.99 cM

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Gene Summary: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. CIS is involved in the negative regulation of cytokines that signal through the JAK-STAT5 pathway such as erythropoietin, prolactin and interleukin 3 (IL3) receptor. Inhibits STAT5 trans-activation by suppressing its tyrosine phosphorylation. 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 (By similarity).[UniProtKB/Swiss-Prot Function]