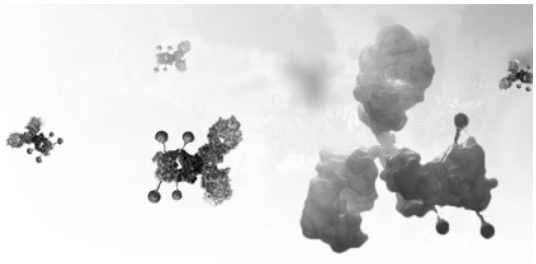

SOCS1 blocking peptide (CDBP6166)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by a subset of cytokines, including IL2, IL3 erythropoietin (EPO), CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of IFN-gamma action, which is required for normal postnatal growth and survival. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SOCS1 suppressor of cytokine signaling 1 [Homo sapiens (human)]
Official Symbol	SOCS1
Synonyms	SOCS1; suppressor of cytokine signaling 1; JAB; CIS1; SSI1; TIP3; CISH1; SSI-1; SOCS-1; TIP-3; JAK binding protein; JAK-binding protein; Tec-interacting protein 3; STAT induced SH3

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	protein 1; STAT-induced STAT inhibitor 1; cytokine-inducible SH2 protein 1
Entrez Gene ID	8651
mRNA Refseq	NM_003745
Protein Refseq	NP_003736
UniProt ID	O15524
Pathway	Activated TLR4 signalling; Adaptive Immune System; Adipogenesis; Antigen processing: Ubiquitination and Proteasome degradation; Class I MHC mediated antigen processing and presentation; Cytokine Signaling in Immune system; ECS complex; EGFR1 Signaling Pathway
Function	insulin-like growth factor receptor binding; kinase inhibitor activity; protein binding; protein kinase binding; protein kinase inhibitor activity

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