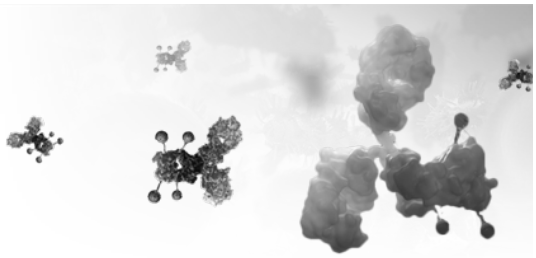

Human SOCS1 blocking peptide (CDBP2763)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SOCS1 antibody
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]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SOCS1 suppressor of cytokine signaling 1 [Homo sapiens]
Official Symbol	SOCS1

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Synonyms	SOCS1; suppressor of cytokine signaling 1; Cish1; JAB; SOCS 1; SSI 1; TIP3; TIP-3; JAK binding protein; JAK-binding protein; Tec-interacting protein 3; STAT induced SH3 protein 1; STAT-induced STAT inhibitor 1; cytokine-inducible SH2 protein 1; CIS1; SSI1; CISH1; SSI-1; SOCS-1;
Entrez Gene ID	8651
mRNA Refseq	NM_003745
Protein Refseq	NP_003736
UniProt ID	O15524
Chromosome Location	16p13.13
Pathway	Adaptive Immune System, organism-specific biosystem; Adipogenesis, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;
Function	insulin-like growth factor receptor binding; kinase inhibitor activity; protein binding; protein kinase binding; protein kinase inhibitor activity;

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