Recombinant Human Suppressor Of Cytokine Signaling 3, His-tagged

Cat. No. SOCS3-6939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantHuman SOCS3 protein was expressed as 6 his-tagged fusion protein by E. coliand purified by Ni-sepharose.
Species	Human
Source	E.coli
Cat. No.	SOCS3-6939H
Description	Thisgene encodes a member of the suppressor of cytokine signaling, family. SSIfamily members are cytokine-inducible negative regulators of cytokinesignaling. The expression of this gene is induced by various cytokines,including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by thisgene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase.
Source	E. coli
Species	Human
Antigen peptide	1-225aa
Expression Vector	PET28a
Full length	True

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Reconstitution	1M PBS (58mMNa2HPO4,17mM NaH2PO4, 68mM NaCl, pH 8.0) added with 300mM Imidazole and 0.7%Sarcosyl, 15%glycerol.
Storage	The protein is stored in PBS buffer at -20°C. Repeated freeze-thaw cycles should be avoided.

GENE INFORMATION

Gene Name	SOCS3 suppressor ofcytokine signaling 3 [Homo sapiens]
Official Symbol	SOCS3
Synonyms	SOCS3;suppressor of cytokine signaling 3; CIS3; SSI3; ATOD4; Cish3; SSI-3; SOCS-3;CIS-3; STAT-induced STAT inhibitor 3; cytokine-induced SH2 protein 3;cytokine-inducible SH2 protein 3; MGC71791
Gene ID	9021
mRNA Refseq	NM_003955
Protein Refseq	NP_003946
MIM	604176
UniProt ID	P35270
Chromosome Location	2p14-p12
Pathway	ATF-2 transcription factor network;Adaptive Immune System; Adipocytokine signaling pathway; Adipogenesis; ClassI MHC mediated antigen processing & presentation;

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	Cytokine Signaling inImmune system; ECS complex; EGFR1 Signaling Pathway; EPO signaling pathway;Growth hormone receptor signaling; Hepatitis C; Herpes simplex infection;IL-2 Signaling Pathway; IL-3 Signaling Pathway; IL-4 signaling Pathway; IL-6Signaling Pathway
Function	protein kinase inhibitor activity

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