

Recombinant Human Suppressor Of Cytokine Signaling 3, GST-tagged

Cat. No. SOCS3-6938H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOCS3 protein was expressed as GST-tagged fusion protein by E. coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
Description	This gene encodes a member of the suppressor of cytokine signaling, family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase.
Antigen peptide	1-225aa
Expression Vector	PGEX-4T
Full length	True
Reconstitution	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH 8.0) added with 100mM GSH and 1% Triton X-100, 15% glycerol.
Storage	The protein is stored in PBS buffer at -20°C. Repeated freeze-thaw cycles should be avoided.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SOCS3 suppressor of cytokine 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; 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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