

# Recombinant Human SOCS3 protein(Met1-Leu225), His&Trx-tagged

**Cat. No.** SOCS3-3895H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SOCS3 (O14543) (Met 1-Leu 225) was expressed in E. coli, fused with a Trx and a polyhistide tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Leu225
<b>Form</b>	Lyophilized from sterile 50mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SOCS3/Trx fusion protein consisting of 384 amino acids and has a calculated molecular mass of 41.9 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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1/2

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## GENE INFORMATION

Gene Name	SOCS3 suppressor of cytokine signaling 3 [ Homo sapiens ]
Official Symbol	SOCS3
Synonyms	SOCS3; suppressor of cytokine signaling 3; CIS3; Cish3; SOCS 3; SSI 3; CIS-3; STAT-induced STAT inhibitor 3; cytokine-induced SH2 protein 3; cytokine-inducible SH2 protein 3; SSI3; ATOD4; SSI-3; SOCS-3; MGC71791;
Gene ID	9021
mRNA Refseq	NM_003955
Protein Refseq	NP_003946
MIM	604176
UniProt ID	O14543

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2/2

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