
Product Data Sheet

Product Name: SOCS3 Human
 Cat. No.: GP24654
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Suppressor Of Cytokine Signaling 3; CIS3; SSI3; Cytokine-InducibleSH2 Protein 3; STAT-Induced STAT Inhibitor 3; ATOD4; Cish3; MGC71791; CIS-3.		
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMVT HSKFPAAGMS RPLDTSLRLK TFSSKSEYQL VVNAVRKLQESGFYWSAVTG GEANLLLSAE PAGTFLIRDS SDQRHFFTLS VKTQSGTKNL RIQCEGGSFS LQSDPRSTQPVPRFDCVLKL VHHYMPPPGA PSFSPPTPEP SSEVPEQPSA QPLPGSPRR AYYIYSGGEK IPLVLSRPLSSNVATLQHLC RKTVNGHLDS YEKVTQLPGP IREFLDQYDA PL		
Formulation	SOCS3 protein solution (0.5mg/ml) containing 20mM Tris-HClbuffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Suppressor of Cytokine Signaling 3, also known as SOCS3 belongs to the SOCS family; in addition SOCS3 is a member of the STAT-induced STAT inhibitor (SSI). The SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of SOCS3 is induced by different cytokines, including IL6 and IL10. SOCS3 can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of SOCS3 have shown the roles of SOCS3 in the negative regulation of fetal liver hematopoiesis, and placental development.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Background

SOCS3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 262 amino acids (1-225 a.a) and having a molecular mass of 29kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA