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32-4916: Recombinant Human Suppressor Of Cytokine Signaling 3

Alternative Name : Suppressor Of Cytokine Signaling 3,CIS3,SSI3,Cytokine-Inducible SH2 Protein 3,STAT-Induced STAT Inhibitor 3,ATOD4,Cish3,MGC71791,CIS-3.

Description

Source : Escherichia Coli. 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.SOCS3 is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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, IL10, and interferon (IFN)-gamma. 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.

Product Info

Amount :	10 µg
Purification :	"Greater than 90% as determined by SDS-PAGE."
Content :	SOCS3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	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.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMVT HSKFPAAGMS RPLDTSLRLK TFSSKSEYQL VVNAVRKLQE SGFYWSAVTG GEANLLLSAE PAGTFLIRDS SDQRHFFTLS VKTQSGTKNL RIQCEGGSFS LQSDPRSTQP VPRFDCVLKL VHHYMPPPGA PSFPSPPTEP SSEVPEQPSA QPLPGSPPRR AYYIYSGGEK IPLVLSRPLS SNVATLQHLC RKTVNGHLDS YEKVTQLPGP IREFLDQYDA PL

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