



SOCS-3 Recombinant Protein

CATALOG NUMBER: 90-016

Specifications

SPECIES:	Human
SOURCE SPECIES:	E. coli
SEQUENCE:	Human SOCS-3 (aa 1-225) is fused at the C-terminus to a His-tag.
FUSION TAG:	His Tag
APPLICATIONS:	This recombinant proteins is for research use only.
BIOLOGICAL ACTIVITY:	N/A

Properties

PURITY:	>90% (SDS-PAGE)
PHYSICAL STATE:	Liquid
BUFFER:	0.2um-filtered solution in 20mM sodium phosphate, pH 6.5, containing 20mM NaCl, 50mM glutamate, 50mM arginine, 2mM dithiothreitol, 1mM EDTA.
CONCENTRATION:	0.3 mg/ml
STORAGE CONDITIONS:	Working aliquots are stable for up to 3 months when stored at -20°C.

Additional Info

ALTERNATE NAMES:	CIS-3, Cytokine-inducible SH2-containing Protein-3, SSI-3, Suppressor of Cytokine Signaling-3, SOCS 3
ACCESSION NO.:	O14543
PROTEIN GI NO.:	45439352

Background

SOCS-3 is an SH2-containing protein predominantly expressed in T-helper type 2 cells, that binds to the activation loop of Janus kinases, inhibiting the kinase activity and thereby suppressing cytokine signaling. SOCS-3 therapy may be useful in the treatment of cancer. SOCS-3 has an important role in regulating the onset and maintenance of TH2-mediated allergic immune disease and is a new therapeutic target for antiallergic drugs.

FOR RESEARCH USE ONLY

December 14, 2016