

# Human SOCS3 (His & Trx Tag) recombinant protein



Catalog Number: 501448

## General Information

### Gene Name Synonym

Cytokine-inducible SH2 protein 3; STAT-induced STAT inhibitor 3

### Protein Construction

A DNA sequence encoding the human SOCS3 (O14543) (Met 1-Leu 225) was fused with a Trx and a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

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.

### Formulation

Lyophilized from sterile 50mM Tris, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

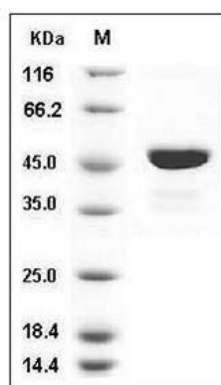
### Storage

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.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human SOCS3 / CIS3 Protein (His & Trx Tag)  
SDS-PAGE