

# Human STAT6 (His Tag) recombinant protein



Catalog Number: 501633

## General Information

### Gene Name Synonym

IL-4 Stat

### Protein Construction

A DNA sequence encoding the human STAT6 isoform 1 (P42226-1) (Met 1-Trp 847) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 18

### Molecular Mass

The recombinant human STAT6 consists of 857

amino acids and predicts a molecular mass of 95.5 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% gly, 0.3mM DTT

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

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

## Usage Guide

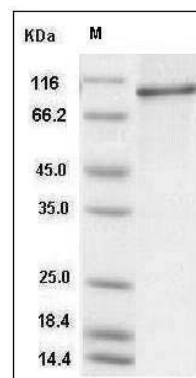
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 STAT6 Protein (His Tag) SDS-PAGE