

## Recombinant Human STAT1 protein, GST-tagged

Cat. No. STAT1-2996H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STAT1 protein(2-230 aa), fused with GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-230 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	SQWYELQQLDSKFLEQVHQLYDDSPMEIRQYLAQWLEKQDWEHAANDVSFATIR FHDLLSQLDDQYSRFSLENNFLLQHNIRKSKRNLQDNFQEDPIQMSMIIYSCLKEERK ILENAQRFNQAQSGNIQSTVMLDKQKELDSKVRNVKDKVMCIEHEIKSLEDLQDEYD FKCKTLQNHREHETNGVAKSDQKQEQLLLKKMYLMLDNKRKEVVHKIIELLNVTETLQ NA
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION****Gene Name**

STAT1 signal transducer and activator of transcription 1, 91kDa [ Homo sapiens ]

**Official Symbol**

STAT1

**Synonyms**

STAT1; signal transducer and activator of transcription 1, 91kDa; signal transducer and activator of transcription 1, 91kD; signal transducer and activator of transcription 1-alpha/beta; ISGF 3; STAT91; transcription factor ISGF 3 components p91/p84; transcription factor ISGF-3 components p91/p84; signal transducer and activator of transcription-1; CANDF7; ISGF-3; DKFZp686B04100;

**Gene ID**

6772

**mRNA Refseq**

NM\_007315

**Protein Refseq**

NP\_009330

**MIM**

600555

**UniProt ID**

P42224

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA