

## Recombinant Human STAT2, GST-tagged

Cat. No. STAT2-2997H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STAT2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	503-851aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	STAT2 signal transducer and activator of transcription 2, 113kDa [ Homo sapiens ]
<b>Official Symbol</b>	STAT2
<b>Synonyms</b>	STAT2; signal transducer and activator of transcription 2, 113kDa; signal transducer and activator of transcription 2, 113kD; signal transducer and activator of transcription 2; STAT113; interferon alpha induced transcriptional activator; P113; ISGF-3; MGC59816;

 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

<b>Gene ID</b>	6773
<b>mRNA Refseq</b>	NM_005419
<b>Protein Refseq</b>	NP_005410
<b>MIM</b>	600556
<b>UniProt ID</b>	P52630
<b>Chromosome Location</b>	12q13.2
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Cytokine Signaling in Immune system, organ
<b>Function</b>	DNA binding; calcium ion binding; protein binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;

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