

## Recombinant Mouse Stat5a Protein, Myc/DDK-tagged

Cat. No. Stat5a-6172M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length signal transducer and activator of transcription 5A (Stat5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.
<b>Molecular Mass</b>	90.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

**GENE INFORMATION**

<b>Gene Name</b>	Stat5a signal transducer and activator of transcription 5A [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Stat5a
<b>Synonyms</b>	STAT5A; signal transducer and activator of transcription 5A; mammary gland factor STAT5A; STAT5; AA959963
<b>Gene ID</b>	20850
<b>mRNA Refseq</b>	NM_011488
<b>Protein Refseq</b>	NP_035618
<b>UniProt ID</b>	P42230

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