Recombinant Mouse Stat5a Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	90.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

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

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