

Recombinant Human STAT5A 293 Cell Lysate

Cat. No. STAT5A-1416HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for signal transducer and activator of transcription 5A (STAT5A) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name STAT5A signal transducer and activator of transcription 5A [Homo sapiens]

Official Symbol STAT5A

Synonyms STAT5A; signal transducer and activator of transcription 5A; STAT5; MGF;

Gene ID 6776

mRNA Refseq NM_003152

Protein Refseq NP_003143

MIM 601511

UniProt ID P42229

Chromosome Location 17q11.2

Pathway Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adipogenesis, organism-specific biosystem; Angiotensin receptor Tie2-mediated signaling, organism-specific biosystem; CD40/CD40L signaling, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem;

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