

Recombinant Human PIAS4 293 Cell Lysate

Cat. No. PIAS4-3201HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein inhibitor of activated STAT, 4 (PIAS4) 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.

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

GENE INFORMATION
Gene Name

PIAS4 protein inhibitor of activated STAT, 4 [Homo sapiens]

Official Symbol

PIAS4

Synonyms

PIAS4; protein inhibitor of activated STAT, 4; E3 SUMO-protein ligase PIAS4; FLJ12419; Piasg; PIASY; zinc finger; MIZ type containing 6; ZMIZ6; PIAS-gamma; zinc finger, MIZ-type containing 6; protein inhibitor of activated STAT protein 4; protein inhibitor of activated STAT protein PIASy; protein inhibitor of activated STAT protein gamma; MGC35296;

Gene ID

51588

mRNA Refseq

NM_015897

Protein Refseq

NP_056981

MIM

605989

UniProt ID

Q8N2W9

**Chromosome
Location**

19p13.3

Pathway

Androgen Receptor Signaling Pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Hepatitis C, organism-

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specific biosystem; Hepatitis C, conserved biosystem; IFN-gamma pathway, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

Function

DNA binding; SUMO ligase activity; ligase activity; metal ion binding; protein binding; transcription corepressor activity; ubiquitin protein ligase binding; zinc ion binding;

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