

Recombinant Human PIAS1 protein, His & T7-tagged

Cat. No. PIAS1-1865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIAS1 aa. (Glu409~Pro645 (Accession # O75925)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu409~Pro645
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

PIAS1 protein inhibitor of activated STAT 1 [Homo sapiens (human)]

Official Symbol

PIAS1

Synonyms

PIAS1; protein inhibitor of activated STAT 1; GBP; ZMIZ3; DDXBP1; GU/RH-II; E3 SUMO-protein ligase PIAS1; AR interacting protein; DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1; DEAD/H box-binding protein 1; RNA helicase II-binding protein; gu-binding protein; protein inhibitor of activated STAT protein 1; zinc finger, MIZ-type containing 3

Gene ID

8554

mRNA Refseq

NM_001320687.1

Protein Refseq

NP_001307616.1

UniProt ID

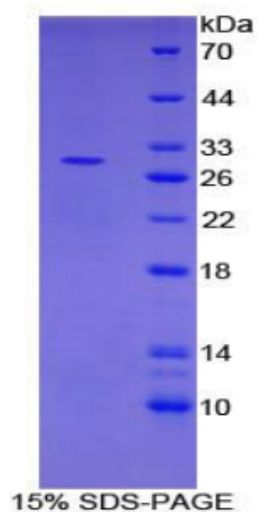
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SDS-PAGE



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