

## Recombinant Human PIAS3 protein, His-tagged

**Cat. No.** PIAS3-5643H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human PIAS3 protein(277-628 aa), fused with N-terminal His tag, was expressed in E.coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 277-628 aa   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.           |
| <b>AASequence</b>       | VRQLTAGTLLQKLRAKGIRNPDHSRALIKEKLTADPDSEVATTSLRVSLMCPLGKMR<br>LTVPCRALTCAHLQSFDAALYLQMNEKKPTWTCPVCDKKAPYESLIIDGLFMEILSSC<br>SDCDEIQFMEDGSWCPMKPKKEASEVCPPPGYGLDGLQYSPVQGGDPSENKKKV<br>EVIDLTISSSSDEEDLPPTKKHCSVTSAAIPALPGSKGVLTSGHQPSVLRSPAMGTL<br>GGDFLSSLPLHEYPFAFPLGADIQGLDLFSFLQTESQHYGPSVITSLDEQDALGHFF<br>QYRGTPSHFLGPLAPTLGSSHCSATPAPPPGRVSSIVAPGGALREGHGGLPSGPS<br>LTGCRSDIISLD |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,  |

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION****Gene Name**

PIAS3 protein inhibitor of activated STAT, 3 [ Homo sapiens ]

**Official Symbol**

PIAS3

**Synonyms**

PIAS3; protein inhibitor of activated STAT, 3; E3 SUMO-protein ligase PIAS3; FLJ14651; zinc finger; MIZ type containing 5; ZMIZ5; zinc finger, MIZ-type containing 5; protein inhibitor of activated STAT protein 3;

**Gene ID**

10401

**mRNA Refseq**

NM\_006099

**Protein Refseq**

NP\_006090

**MIM**

605987

**UniProt ID**

Q9Y6X2

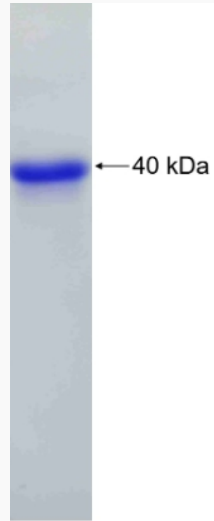
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SDS-PAGE



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