

Recombinant Human PIAS1, GST-tagged

Cat. No. PIAS1-673H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	PIAS1 is a SUMO E3 ligase with specificity for a range of different substrates including p53, Hdm2, transcription factors, androgen receptors and co-repressor proteins.
Source/Host	E.coli.
Biological Activity	Exhibits SUMO modification activity in vitro.
Application	For use in SUMO modification reactions and SUMOylation pathway studies.
Long Term Storage	-80°C.

GENE INFORMATION

Gene Name	PIAS1 protein inhibitor of activated STAT, 1 [Homo sapiens]
Synonyms	protein inhibitor of activated STAT, 1; GBP; ZMIZ3; DDXBP1; GU/RH-II; MGC141878; MGC141879; PIAS1; E3 SUMO-protein ligase PIAS1; gu-binding protein; AR interacting protein; DEAD/H box-binding protein 1; RNA helicase II-binding protein;

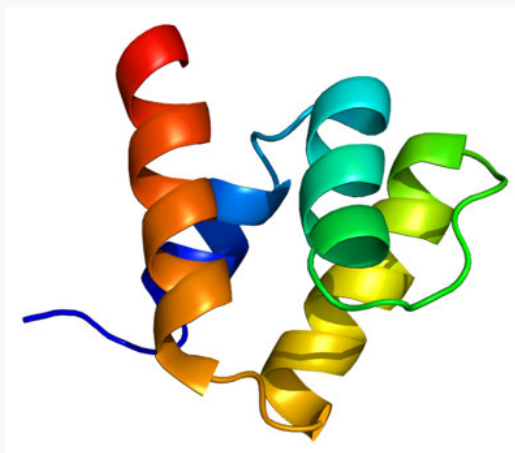
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	zinc finger, MIZ-type containing 3; protein inhibitor of activated STAT protein 1; DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1; protein inhibitor of activated STAT-1; Gu-binding protein; Protein inhibitor of activated STAT protein 1
Gene ID	8554
mRNA Refseq	NM_016166
Protein Refseq	NP_057250
MIM	603566
UniProt ID	O75925
Chromosome Location	15q
Pathway	Jak-STAT signaling pathway; Pathways in cancer; Small cell lung cancer; Ubiquitin mediated proteolysis
Function	transcription coactivator activity; transcription corepressor activity; DNA binding; SUMO ligase activity; androgen receptor binding; enzyme binding; metal ion binding; protein binding; zinc ion binding

PDB rendering based
on 1v66.



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