

Recombinant Human PIAS1, GST-tagged

PIAS1-673H Human

Lot. No. (See product label)

Specification

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 <div style='mso-element:para-border-div;border:none;border-top:solid #CCCCCC 1.0pt;mso-border-top-alt:solid #CCCCCC .75pt;padding:3.0pt 0cm 0cm 0cm'>protein inhibitor of activated STAT, 1; GBP; ZMIZ3; DDXPB1; 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; 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</div>

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

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