

Recombinant Full Length Human PIAS4 Protein, C-Flag-tagged

Cat. No. PIAS4-1442HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PIAS4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables SUMO ligase activity and ubiquitin protein ligase binding activity. Involved in negative regulation of transcription, DNA-templated; positive regulation of protein sumoylation; and protein sumoylation. Located in cytoplasm and nucleus.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	56.3 kDa
AA Sequence	MAAELVEAKNMVMSFRVSDLQMLLGFVGRSKSGLKHELVTRALQLVQFDCSPELFK KIKELYETRYAKKN SEPAPQPHRPLDPLTMHSTYDRAGAVPRTPLAGPNIDYPVLYG KYLNGLGRLPAKTLKPEVRLVKLPFFN MLDELLKPTELVPQNNEKLQESPCIFALT PRQVELIRNSRELQPGVKAVQVVLRICYSDTSCPQEDQYPP NIAVKVNHSHSYCSVPGYY PSNKPGEVPEKRPCRPINLTHLMYLSSATNRITVTWGNYGKSYSVALYLVRQLT SSEL LQRLKTIGVKHPELCKALVKEKLRLDPDSEIATTGVRVSLICPLVKMRLSVPCRAETC AHLQCFDA VFYLMQNEKKPTWMCPVCDKPAPYDQLIIDGLLSKILSECEDEIEYL VDGSWCPIRAEKERS CSPQGA ILVLGPSDANGLLPAPSVNGSGALGSTGGGGPVG SMENGKPGADVVDLTLDSSSSSEDEEEEEEEEEDEED EEGPRPKRRCPFQKGLVPACTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Protein Pathways	Jak-STAT signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis
Full Length	Full L.

GENE INFORMATION

Gene Name	PIAS4 protein inhibitor of activated STAT 4 [Homo sapiens (human)]
Official Symbol	PIAS4
Synonyms	PIASY; Piasg; ZMIZ6; PIAS-gamma
Gene ID	51588
mRNA Refseq	NM_015897.4

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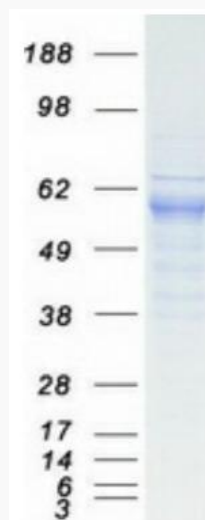
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Protein Refseq NP_056981.2

MIM 605989

UniProt ID Q8N2W9



Coomassie blue staining of purified PIAS4 protein.

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