

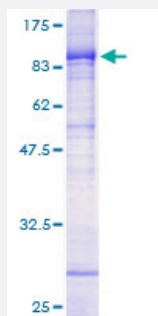
Full-Length

PIAS4 (Human) Recombinant Protein (P01)

Catalog # H00051588-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PIAS4 full-length ORF (AAH66895, 1 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAELVEAKNMVMSFRVSDLQMLLGFVGRSKSGLKHELVTRALQLVQFDCSPELFKKIKELYET
RYAKKNSEPAQPHRPLDPLTMHSTYDRAGAVPRTPLAGPNIDYPVLYGKYLNGLGRLPKATLKP
EVRLVKLPFFNMLDELLKPTTELVPQNEKLQESPCIFALTPRQVELIRNSRELQPGVKAVQVVLRI
CYSDTSCPQEDQYPPNIAVKVNHSYCSVPGYPSNKPGEVPEKRPCRPINLTHLMYLSSATNRITVT
WGNYGKSYSVALYLVRQLTSSELLQRLKTIGVKHPELCKALVKEKLRLDPDSEIATTGVRVSLICPL
VKMRLSVPCRAETCAHLQCFDAVFYLMNEKKPTWMCPVCDKPAPYDQLIIDGLLSKILSECEDA
DEIEYLVGSGWCPIRAEEKERSCSPQGAILVLGPSDANGLLPAPSVNGSGALGSTGGGGPVGSME
NGKPGADVVDLTLDSSSSEDEEEGEEEEDEDEEGPRPKRRCPFQKGLVPAC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.84

Interspecies Antigen Sequence

Mouse (88); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PIAS4

Entrez GeneID	51588
GeneBank Accession#	BC066895
Protein Accession#	AAH66895
Gene Name	PIAS4
Gene Alias	FLJ12419, MGC35296, PIASY, Piasg, ZMIZ6
Gene Description	protein inhibitor of activated STAT, 4
Omim ID	605989
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	protein inhibitor of activated STAT protein PIASy/zinc finger, MIZ-type containing 6

Publication Reference

- [FOXK2 affects cancer cell response to chemotherapy by promoting nucleotide de novo synthesis.](#)

Yingge Li, Jie Chen, Bin Wang, Ziwen Xu, Ci Wu, Junfeng Ma, Qibin Song, Qing Geng, Jinming Yu, Huadong Pei, Yi Yao.

Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy 2023 Jan; 67:100926.

Application: KA, Recombinant proteins

Pathway

- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)