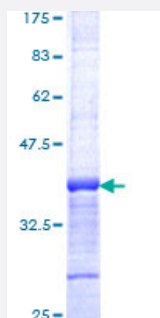


# PIAS2 (Human) Recombinant Protein (Q01)

Catalog # H00009063-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human PIAS2 partial ORF ( NP_004662, 385 a.a. - 473 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	CPVCDKKAAYESLILDGLFMEILNDCSDVDEIKFQEDGSWCMPRPKKEAMKVSSQPCTKIESSSVLSKPCSVTVASEASKKKVDVIDLT
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.53
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — PIAS2

Entrez GeneID	<a href="#">9063</a>
GeneBank Accession#	<a href="#">NM_004671</a>
Protein Accession#	<a href="#">NP_004662</a>
Gene Name	PIAS2
Gene Alias	MGC102682, MIZ1, PIASX, PIASX-ALPHA, PIASX-BETA, SIZ2, ZMIZ4, miz
Gene Description	protein inhibitor of activated STAT, 2
Omim ID	<a href="#">603567</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a protein involved in the regulation of transcription factors involved in MAP kinase signaling. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq]
Other Designations	Msx-interacting-zinc finger protein inhibitor of activated STAT X zinc finger, MIZ-type containing 4

## Pathway

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