



PIAS3 blocking peptide (CDBP5913)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PIAS3 protein inhibitor of activated STAT, 3 [Homo sapiens (human)]
Official Symbol	PIAS3
Synonyms	PIAS3; protein inhibitor of activated STAT, 3; ZMIZ5; E3 SUMO-protein ligase PIAS3; zinc finger, MIZ-type containing 5; protein inhibitor of activated STAT protein 3

Entrez Gene ID	10401
mRNA Refseq	NM_006099
Protein Refseq	NP_006090
UniProt ID	Q9Y6X2
Pathway	Androgen receptor signaling pathway; C-MYB transcription factor network; Coregulation of Androgen receptor activity; IL6-mediated signaling events; Interferon type I; Interleukin-11 Signaling Pathway; Jak-STAT signaling pathway; Oncostatin M Signaling Pathway
Function	SUMO ligase activity; enzyme binding; nucleic acid binding; potassium channel regulator activity; protein C-terminus binding; protein N-terminus binding; protein binding; zinc ion binding