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Datasheet for ABIN1475811

PIAS3 Protein (AA 1-628) (His tag)

Overview

Quantity:	1 mg
Target:	PIAS3
Protein Characteristics:	AA 1-628
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIAS3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAELGELKHM VMSFRVSELQ VLLGFAGRNK SGRKHELLAK ALHLLKSSCA PSVQMKIKEL YRRRFPRKTL GPSDLSLLSL PPGTSPVGSP SPLASIPPTL LTPGTLLGPK REVDMHPPLP QPVHPDVTMK PLPFYEVYGE LIRPTTLAST SSQRFEEAHF TFALTPQQLQ QILTSREVLP GAKCDYTIQV QLRFCLETS CPQEDYFPPN LFVKVNGKLC PLPGYLPPTK NGAEPKRPSR PINITPLARL SATVPNTIVV NWSSEFGRNY SLSVYLVRQL TAGTLLQKLR AKGIRNPDSH RALIKEKLT DPDSEVATTS LRVSLMCPLG KMRLTVPCRA LTCAHLQSFD AALYLQMNEK KPTWTCPVCD KKAPYESLII DGLFMEILNS CSDCDEIQFM EDGSWCPMKP KKEASEVCP PGYGLDGLQY SPVQEGNQSE NKKRVEVIDL TIESSSDEED LPPTKKHCPV TSAAIPALPG SKGALTSGHQ PSSVLRSPAM GTLGSDFLSS LPLHEYPAPF PLGADIQGLD LFSFLQTESQ HYSPSVITSL DEQDTLGHHF QFRGTPPHFL GPLAPTLGSS HRSATPAPAP GRVSSIVAPG SSLREGHGGP LPSGPSLTGC RSDVISLD
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	PIAS3
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Alternative Name:	E3 SUMO-protein ligase PIAS3 (Pias3) (PIAS3 Products)
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Background:	Recommended name: E3 SUMO-protein ligase PIAS3. EC= 6.3.2.-. Alternative name(s): KChAP Potassium channel-associated protein Protein inhibitor of activated STAT protein 3
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UniProt:	O70260
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Pathways:	JAK-STAT Signaling
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.