Datasheet for ABIN7586473

SHP1 Protein (AA 1-423) (His tag)

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Overview

Quantity:	100 µg
Target:	SHP1 (PTPN6)
Protein Characteristics:	AA 1-423
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAEIPDETIQ QFMALTNVSH NIAVQYLSEF GDLNEALNSY YASQTDDQKD RREEAHWNRQ QEKALKQEAF STNSSNKAIN TEHVGGLCPK PGSSQGSNEY LKRKGSTSPE PTKGSSRSGS GNNSRFMSFS DMVRGQADDD DEDQPRNTFA GGETSGLEVT DPSDPNSLLK DLLEKARRGG QMGAENGFRD DEDHEMGANR FTGRGFRLGS TIDAADEVVE DNTSQSQRRP EKVTREITFW KEGFQVADGP LYRYDDPANS FYLSELNQGR APLKLLDVQF GQEVEVNVYK KLDESYKAPT RKLGGFSGQG QRLGSPIPGE SSPAEVPKNE TPAAQEQPMP DNEPKQGDTS IQIRYANGKR EVLHCNSTDT VKFLYEHVTS NANTDPSRNF TLNYAFPIKP ISNDETTLKD ADLLNSVVVQ RWA
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	SHP1 (PTPN6)
Alternative Name:	UBX domain-containing protein 1 (SHP1) (PTPN6 Products)
Background:	Recommended name: UBX domain-containing protein 1. Alternative name(s): Suppressor of high-copy PP1 protein
UniProt:	P34223
Pathways:	JAK-STAT Signaling, TCR Signaling, TLR Signaling, Nuclear Receptor Transcription Pathway, Positive Regulation of Peptide Hormone Secretion, Steroid Hormone Mediated Signaling Pathway, Response to Growth Hormone Stimulus, Regulation of Leukocyte Mediated Immunity, CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2, BCR Signaling

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 modificated 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.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.