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Datasheet for ABIN1609810
SHP1 Protein (AA 1-373) (His tag)

Overview

Quantity:	1 mg
Target:	SHP1 (PTPN6)
Protein Characteristics:	AA 1-373
Origin:	<i>Emericella nidulans</i>
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNPAEHDEAV SQFCAMTRAR PDEAQEYLAT NGWDLEAAVT EFFAEQDETA GSSEPTGQPS AKSSSSTPRE SSSSRKQPPK KFATLGLDAS GAADSSDDDD DENQDFFAGG EKSGLAVQNP DDLKKKIIIEK ARRTQLPASD DSEPRRNYFT GPARTLGGED TPSRVIDTPS GPAQPQIPRR VRRTLHFWAD GFSVDDGELY RSDDPQNAEI LNSIRQGRAP LSIMNAQHGQ DVDVEIKQHD EKYVRPKPKY QPFAGKGQRL GSPTPGIRAP APSEPAPAPQ SSSGPPKPNV DESQPVVTLQ IRLGDGTRLT SRFNTHHTIG DVYDFVSAAS PQSQARPWVL LTTFPSKELT DKA AVLGDLP EFKRGGVVVQ KWQ
Specificity:	<i>Emericella nidulans</i> (strain FGSC A4 / ATCC 38163 / CBS 112.46 / NRRL 194 / M139) (<i>Aspergillus nidulans</i>)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian 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 (ubx1) ([PTPN6 Products](#))

Background: Recommended name: UBX domain-containing protein 1

UniProt: [P0C8Q0](#)

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 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.

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 one week

Handling

Storage: -20 °C

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