

Datasheet for ABIN1510329

GPS1 Protein (AA 1-422) (His tag)



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Overview

Quantity:	1 mg
Target:	GPS1
Protein Characteristics:	AA 1-422
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPS1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSLNLLVNQE ELKRYLDEYG VWSKIFRALF VARNSKPLRS FCVHYAIKEL KEKTYNLELY</p> <p>QSLFEFQDC FENEQLDVEW VESVTFHRKQ NLEQLRRELK AYKNNLIRES IRAAQDLAS</p> <p>FFADVGQFDS ALRSYAKVRE YCTNAGQIAH LSLELMRISI WIGNYSHVLA FGSRAKSTVS</p> <p>AAMELTSPYIAYCGLANFCL GDYEEALAHF LKVETDTSYG IITKTDISVY ISLCALACWD</p> <p>HKRLIQELER NEEFNALSDL DPSLRRLCLQA KCNRKYSLLL DTLQQNAQDY SLDMYLAPQL</p> <p>TNLFSLIRER SLLDYLPYS ALPFSKIAVD FHIDENFIEK NLEIIEAKK LNGKVDSLQK RVYIEPSSEP</p> <p>ENFEDIKNIA QTSLLYSKAL YLQTLAAMNT ENTDEAPVI AQTNITAEDS QN</p>
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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.
Purity:	> 90 %

Target Details

Target:	GPS1
Alternative Name:	COP9 signalosome complex subunit 1 (csn1) (GPS1 Products)
Background:	Recommended name: COP9 signalosome complex subunit 1. Short name= CSN complex subunit 1. Short name= SGN1
UniProt:	O94308
Pathways:	Cell Division Cycle

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