Datasheet for ABIN1477821

ENPP2 Protein (AA 46-493) (His tag)

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Overview

Quantity:	1 mg
Target:	ENPP2
Protein Characteristics:	AA 46-493
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	YSKCP KPIDNGPRTI ANRSNTYFNG THDFKTLTIL ISIDGFHPRL IDAKYTPFLY NLHNLRSPYD MNITTAPYMI PSFPTQTFPN HWSMVTGKYP IEHGIVSNIF WDNFTSSEFR PNNLDARIWS NTADPIWQLL QTESQGEYKV ATHMWPGSEV VYEDHGDVPR ERMPFYFGKF NQWEKLQDKL AQIFRYIDMP QLKDRPELVI SYIPNVDSYG HSFGYDLRDK RLQKLIGEVD GFFLDLIEGL QKRNLLKISN VMIVSDHGMS NVNANDGEHV VVWERVFPAD AMSAFISHLY NEGPMMMVCL KNPRDKQWIC DLIEAQLEKA YGDEISRKFH VILKEDFDPS WKYFQYDNRK HRYDDRVGDI WILADEYYAI VKEMGDVPIG IMGTHGYNFN NCSDMASIFI GMGPMFNNEV VPPFENIEVY NMLIKASALL GEEKTKKEKS LLQ
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:	ENPP2
Alternative Name:	Ectonucleotide pyrophosphatase/phosphodiesterase 2 (NPP2) (ENPP2 Products)
Background:	Recommended name: Ectonucleotide pyrophosphatase/phosphodiesterase 2. Short name= E-NPP 2 Including the following 2 domains: Alkaline phosphodiesterase 1. EC= 3.1.4.1 Nucleotide pyrophosphatase. Short name= NPPase. EC= 3.6.1.9
UniProt:	P39997

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 one week
Storage:	-20 °C

Handling

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