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PNP Protein (AA 1-268) (His tag)



Overview

Purity:

Quantity:	1 mg
Target:	PNP (NP)
Protein Characteristics:	AA 1-268
Origin:	Mycobacterium leprae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNP protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MTYTLLDPDE LARRAAQVIG ERTGILKHDV AVVLGSGWSS AVAALGSSRA VFPQAELPGF
	ITPNAAGHTG ELLSVRIGAH RVLVLAGRIH PYEGHDLRHV VHPVRTACAA GARIIVLTNA
	AGGLRADMAV GQLVLISDHL NLTTRSPLVG THFVDLTNAY TTRLRKLASD TDPTLTEGVY
	AAQPGPHYET PAEIRMLRML GADLVGMSTV HETIAARAAG AEVLGVSLVT NLAAGITGKP
	LNHAEVLAAG TASANRIGSL LADIIARF
Specificity:	Mycobacterium leprae
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.

> 90 %

Target Details

Target:	PNP (NP)
Alternative Name:	Purine nucleoside phosphorylase (punA) (NP Products)
Target Type:	Viral Protein
Background:	Recommended name: Purine nucleoside phosphorylase. Short name= PNP. EC= 2.4.2.1. Alternative name(s): Inosine phosphorylase
UniProt:	P46862
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Ribonucleoside Biosynthetic Process, Positive Regulation of Response to DNA Damage Stimulus

Application Details

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Comment	
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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

Handling

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