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Datasheet for ABIN1611395

PEPPI Protein (AA 2-491) (His tag)

Overview

Quantity:	1 mg
Target:	PEPPI
Protein Characteristics:	AA 2-491
Origin:	Streptomyces coelicolor
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEPPI protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>AEELTPENP AIPETPEETE EPIKQRKNGL YPGVSELA E NMQSGWADTE LHDLEPIAQA</p> <p>AETAARRAAL SARFPGERLV IPAGNLKTRS NDTEYSFRAS VEYAYLTGNQ TEDGVLVMEP</p> <p>EGDGHAATYI LLPRSDRENG EFWLDGQGEL WVGRRHSLAE AGELYGIPAS DVRELAGSLR</p> <p>EATGPVRVVR GFDAGIEAAL TDKVTAERDE ELRVFLSEAR LVKDEFEIGE LQKAVDSTVR</p> <p>GFEDVVKVLD RAEATSERYI EGTFFLRARV EGNDVGYSI CAAGPHACTL HWVRNDGPVR</p> <p>SGDLLLLDAG VETHTYTAD VTRTLPISGT YSELQKKIYD AVYDAQEAGI AAVRPGAKYR</p> <p>DFHDASQRVL AERLVEWGLV EGPVERVLEL GLQRRWTLHG TGHMLGMDVH DCAAARVESY</p> <p>VDGTLEPGMV LTVEPGLYFQ ADDLTVPEEY RGIGVRIEDD ILVTADGNRN LSAGLPRRSD</p> <p>EVEEWMAALK G</p>
Specificity:	Streptomyces coelicolor (strain ATCC BAA-471 / A3(2) / M145)
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.

Product Details

Purity: > 90 %

Target Details

Target: PEPPI

Alternative Name: Xaa-Pro aminopeptidase 1 (pepPI) ([PEPPI Products](#))

Background: Recommended name: Xaa-Pro aminopeptidase 1.
EC= 3.4.11.9.
Alternative name(s): Aminoacylproline aminopeptidase I Aminopeptidase P I.
Short name= APP.
Short name= PEPPI X-Pro aminopeptidase I Xaa-Pro aminopeptidase I

UniProt: [P0A3Z1](#)

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

Handling

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