Datasheet for ABIN7586548

XPNPEP1 Protein (AA 1-623) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	XPNPEP1
Protein Characteristics:	AA 1-623
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This XPNPEP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAPKVTSELL RQLRQAMRNS ECVAEPIQAY IIPSGDAHQS EYIAPCDCRR AFVSGFDGSA GTAIITEEHA AMWTDGRYFL QAAKQMDNNW TLMKMGLKDT PTQEDWLVSV LPEGSRVGVD PLIIPTDYWK KMAKVLRSAG HHLVPVKENL VDKIWTDRPE RPCKPLLTLG LDYTGISWKE KVADLRLKMA ERSIVWFVVT ALDEIAWLFN LRGSDVEHNP VFFSYAIIGL ERIMLFIDGD RIDAPGVKQH LLLDLGLEAE YKIQVLPYKS ILSELKTLCA DLSPREKVWV SDKASYAVSE AIPKDHRCCM PYTPICIAKA VKNSAESAGM RRAHIKDAVA LCELFNWLEQ EVPKGGVTEI SAADKAEEFR RQQADFVDLS FPTISSTGPN GAIIHYAPIP ETNRTLSLDE VYLIDSGAQY KDGTTDVTRT MHFGTPTAYE KECFTYVLKG HIAVSAAVFP TGTKGHLLDS FARSALWDSG LDYLHGTGHG VGSFLNVHEG PCGISYKTFS DEPLEAGMIV TDEPGYYEDG AFGIRIENVV LVVPAKTKYN FNNRGSLTFE PLTLVPIQTK MIDVDALTDK ECDWLNSYHQ TCRDVIGKEL QTQGRQEALE WLLRETEPIS RQH
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
Purity:	> 90 %

Target Details

Target:	XPNPEP1
Alternative Name:	Xaa-Pro aminopeptidase 1 (Xpnpep1) (XPNPEP1 Products)
Background:	Recommended name: Xaa-Pro aminopeptidase 1. EC= 3.4.11.9. Alternative name(s): Aminoacylproline aminopeptidase Cytosolic aminopeptidase P Soluble aminopeptidase P. Short name= sAmp X-Pro aminopeptidase 1 X-prolyl aminopeptidase 1, soluble
UniProt:	O54975

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

Handling

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