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Datasheet for ABIN1475809

## PREP Protein (AA 1-710) (His tag)

### Overview

Quantity:	1 mg
Target:	PREP
Protein Characteristics:	AA 1-710
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PREP protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: MLSFQYPDVY RDETSVQDYH GHKICDPYAW LEDPDSEQTK AFVEAQNKIT VPFLEQCP  
 GLYKERMTEL YDYPKYSCHF KKGKRYFYFY NTGLQNQRVL YVQDSLEGEA RVFLDPNTLS  
 DDGTVALRGY AFSEDGEYFA YGLSASGSDW VTIKFMKVDG AKELPDVLER VKFTCMAWTH  
 DGKGMFYNSY PQQDGKSDGT ETSTNLHQKL CYHVLGTDQS EDVLCAEFPD EPKWMGGAEL  
 SDDGRYVLLS IWEGCDPVNR LWYCDLQQGS NGINGILKWV KLIDNFEGEY DYITNEGTVF  
 TFKTNRNSPN YRLINIDFTD PDESKWKVLV PEHEKDVLEW VACVRSNFLV LCYLNRNVKNI  
 LQLHDLTTGA LLKTFPLDVG SVVGYSGRKK DSEIFYQFTS FLSPGVYIHC DLTREELEPR  
 VFREVTVKGI DASDYQTIQV FYPSKDGTKI PMFIVHKKGI KLDGSHPAFL YGYGGFNISI  
 TPNYSVSRLI FVRHMGGLVLA VANIRGGGEY GETWHKGGIL ANKQNCFDDF QCAAAYLIKE  
 GYTTSKRLTI NGGSNGGLLV AACANQRPDL FGCVIAQGVV MDMLKFHKFT IGHAWTTDYG  
 CSDSKQHFEEV LLKYSPLHNV KLPEADDIYQ PSMILLTADH DDRVVPLHSL KFIATLQYIV  
 GRSRKQSNPL LIHVDTKAGH GPGKPTAKVI EEVSDMFAFI ARCLNIEWIQ

## Product Details

Specificity:	Rattus norvegicus (Rat)
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:	PREP
Abstract:	<a href="#">PREP Products</a>
Background:	Recommended name: Prolyl endopeptidase. Short name= PE. EC= 3.4.21.26. Alternative name(s): Post-proline cleaving enzyme rPop
UniProt:	<a href="#">O70196</a>

## 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

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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.