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Datasheet for ABIN1475506

## ENTPD2 Protein (AA 26-462) (His tag)

### Overview

Quantity:	1 mg
Target:	ENTPD2
Protein Characteristics:	AA 26-462
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENTPD2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>CVPTQ DVREPPALKY GIVLDAGSSH TSMFVYKWPA DKENDTGIVG QHSSCDVQGG</p> <p>GISSYANDPS KAGQSLVRCL EQALRDVPRD RHASTPLYLG ATAGMRPFNL TSPEATARVL</p> <p>EAVTQTLTQY PFD FRGARIL SGQDEGVFGW VTANYLLENF IKYGWVGRWI RPRKGT LGAM</p> <p>DLGGASTQIT FETTSPSEDP GNEVHLRLYG QHYRVYTHSF LCYGRDQILL RLLASALQIH</p> <p>RFHPCWPKGY STQVLLQEVY QSPCTMGQRP RAFNGSAIVS LSGTSNATLC RDLVSRLFNI</p> <p>SSCPFSQCSF NGVFQPPVAG NFIAFSAFY TVDFLTVMG LPVGT LKQLE EATEITCNQT</p> <p>WTELQARVPG QKTRLADYCA VAMFIHQLLS RGYHFDERSF REVVFQKAA DTA VGWALGY</p> <p>MLNLTNLIPA DLPGLRKGTH FS</p>
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: ENTPD2

Abstract: [ENTPD2 Products](#)

Background: Recommended name: Ectonucleoside triphosphate diphosphohydrolase 2.  
Short name= NTPDase 2.  
EC= 3.6.1.-.  
Alternative name(s): CD39 antigen-like 1 Ecto-ATP diphosphohydrolase 2.  
Short name= Ecto-ATPDase 2.  
Short name= Ecto-ATPase 2

UniProt: [O35795](#)

## Application Details

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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

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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

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Storage: -20 °C

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