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## Datasheet for ABIN1628938 CNDP2 Protein (AA 2-475) (His tag)

### Overview

Quantity:	1 mg
Target:	CNDP2
Protein Characteristics:	AA 2-475
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNDP2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>SALTTLFKY VDENQDRYVK KLAEWVAIQS VSAWPEKRG IRRMMEVAAA DIKQLGGSVQ</p> <p>LVDIGTQKLP DGSEIPLPI LLGKLGSDPQ KKTVCYIGHL DVQPAALEDG WDSEPFTLVE</p> <p>RDGKLFGRGA TDDKGPVAGW INALEAFQKT KQEVNVNRF CLEGMEESSGS EGLDALIFAQ</p> <p>KDAFFKDVDY VCISDNYWLG KNKPCITYGL RGICYFFIEV ECSDKDLHSG VYGGSVHEAM</p> <p>TDLIMLMGCL MDKKGKILIP GISEAVAPVT EEELELYDKI DFDLEEYARD VGAGTLLHGC</p> <p>KKDILMHRWR YPSLSLHGIE GAFSGSGAKT VIPRKVVGKF SIRLVPNMTP EVVSEQVTSY</p> <p>LTKKFAELHS PNKFKVYMGH GGKPWVSDFN HPHYLAGRRA LKTVFGVEPD LTREGGSIPV</p> <p>TLTFQEATGK NVMLLPVGSA DDGAHSQNEK LNRRNYIEGT KMLAAYLYEV SQLKD</p>
Specificity:	Bos taurus (Bovine)
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: CNDP2

Alternative Name: Cytosolic non-specific dipeptidase (CNDP2) ([CNDP2 Products](#))

Background: Recommended name: Cytosolic non-specific dipeptidase.  
EC= 3.4.13.18.  
Alternative name(s): CNDP dipeptidase 2

UniProt: [Q3ZC84](#)

## 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

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