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Datasheet for ABIN1634763 **CNDP2 Protein (AA 2-475) (His tag)**

Overview

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

Product Details

Sequence:	AALTTLFKY IDENQDRYIK KLAKWVAIQS VSAWPEKRG E IRRMMEVAAA DVKQLGGSVE LVDIGKQKLP DGSEIPLPPI LLGRLGSDPQ KKTVCYIGHL DVQPAAL EDG WDSEPFTLVE RDGKLGHRGS TDDKGPVAGW INALEAYQKT DQEIPVNVRF CLEGMEESGS EGLDELIFAQ KDTFFKDVDY VCISDNYWLG KKKPCITYGL RGICYFFIEV ECSNKDLHSG VYGGSVHEAM TDLILLMGSL VDKRGNILIP GINEAVAAVT EEEHKLYDDI DFDIEEFAKD VGAQILLHSN KKDILMHRWR YPSLSLHGIE GAFSGSGAKT VIPRKVVGKF SIRLVPNMTP EVVSEQVTSY LTKKFAELRS PNEFKVVMGH GGKPWVSDFS HPHYVAGRRA MRTVFGVEPD LTREGGSIPV TLTFQEATGK NVMLLPVGS A DDGAHSQNEK LNRHNYIEGT KMLAAYLYEV SQLKD
Specificity:	Pongo abelii (Sumatran orangutan)
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: [Q5R432](#)

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.