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Datasheet for ABIN1593982 PDP2 Protein (AA 68-530) (His tag)

Overview

Quantity:	1 mg
Target:	PDP2
Protein Characteristics:	AA 68-530
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	STE EEDFHLQLSP EQVSDLLRAG ESSHKVLDFN SGVPNSVLRF ESNQLAANSP VEDRQGVASC VQTRGTVFGI FDGHGGHACA QAVSERLFYY MAVSLMSHKT LEQMEEAMEN MKPLLPIQW LKHPGDSIYK DITSVHLDHL RYVWQELLDL HMETGLSTEE ALMYSFQRLD SDISLEIQAP LEDEVTKNLS LQVAFSGATA CMAHVDGVHL HIANAGDCRA ILGVQGDNGA WSCLPLTCDH NAWNEAELSR LKREHPESD RTLIIDDRLL GVLLPCRAFG DVQLKWSKEL QRNVLERGFD TEALNIYQFT PPHYHTPPYL TAKPEVTYHR LRPQDKFLVL ASDGLWDMLD NEDVVRLVVG HLSKVGHQKP ALDQRPANLG HMQSLLLQRK ASGLHAADQN AATHLIRHAI GSNEYGEMEP ERLAAMLTLT EDVARMYRDD ITVMVVFNS ESIDTYFKEG
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

Purity: > 90 %

Target Details

Target: PDP2

Alternative Name: [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial (Pdp2) ([PDP2 Products](#))

Background: Recommended name: [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial.
Short name= PDP 2.
EC= 3.1.3.43.
Alternative name(s): Pyruvate dehydrogenase phosphatase catalytic subunit 2.
Short name= PDPC 2

UniProt: [O88484](#)

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 modiflicated 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.