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Datasheet for ABIN1459645

ATP50 Protein (AA 24-213) (His tag)

Overview

Quantity:	1 mg
Target:	ATP50
Protein Characteristics:	AA 24-213
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP50 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	FAKLVRP PVQIYGIEGR YATALYSAAS KQNKLEQVEK ELLRVGQILK EPKMAASLLN PYVKRSVKVK SLSDMTAKEK FSPLTSNLIN LLAENGRLTN TPAVISAFST MMSVHRGEVP CTVTTASALD EATLTELKTV LKSFLSKGQV LKLEVKIDPS IMGGMIVRIG EKYVDMSAKT KIQKLSRAMR EIL
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.
Purity:	> 90 %

Target Details

Target:	ATP50
Alternative Name:	ATP synthase subunit O, mitochondrial (ATP5O) (ATP50 Products)

Target Details

Background: Recommended name: ATP synthase subunit O, mitochondrial.
Alternative name(s): Oligomycin sensitivity conferral protein.
Short name= OSCP

UniProt: [P13621](#)

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

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 one week

Storage: -20 °C

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