antibodies

## Datasheet for ABIN1622011 ATP50 Protein (AA 24-213) (His tag)



Overview	
Quantity:	1 mg
Target:	ATP50
Protein Characteristics:	AA 24-213
Origin:	Pig
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 ELLRVAQILK EPKVAASIMN PYVKRSVKVK
	SLSDMTAKEK FSPLTSNLIN LLAENGRLSS TPGVISAFST MMSVHRGEVP CSVTTASPLD
	EATLTELKTV LKSFLSKGQI LKLEVKVDPS IMGGMIVRIG EKYVDMSAKT KIQKLSRAMR EIF
Specificity:	Sus scrofa (Pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	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) (ATP5O Products)

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Target Details	
Background:	Recommended name: ATP synthase subunit 0, mitochondrial. Alternative name(s): Oligomycin sensitivity conferral protein. Short name= OSCP
UniProt:	Q2EN81
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 modificated 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.

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