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## COX5A Protein (AA 42-150) (His tag)



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Quantity:	1 mg	
Target:	COX5A	
Protein Characteristics:	AA 42-150	
Origin:	Pongo pygmaeus	
Source:	Yeast	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This COX5A protein is labelled with His tag.	
Application:	ELISA	
Product Details		
Sequence:	SHGSQETDE EFDARWVTYF NKPDIDAWEL RKGINTLVTY DMVPEPKIID AALRACRRLN	
	DFASTVRILE AVKDKAGPHK EIYPYVIQEL RPTLNELGIS TPEELGLDKL	
Specificity:	Pongo pygmaeus (Bornean orangutan)	
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:	COX5A	
Alternative Name:	Cytochrome c oxidase subunit 5A, mitochondrial (COX5A) (COX5A Products)	

#### **Target Details**

Background:	Recommended name: Cytochrome c oxidase subunit 5A, mitochondrial.  Alternative name(s): Cytochrome c oxidase polypeptide Va	
UniProt:	B0VYX4	
Pathways:	Proton Transport	

### **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.	