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## COX5A Protein (AA 42-150, full length) (GST tag)





Go to Product page

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	view
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Quantity:	100 μg
Target:	COX5A
Protein Characteristics:	AA 42-150, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This COX5A protein is labelled with GST tag.
Application:	ELISA
Droduct Dataila	

#### **Product Details**

Sequence:	SHGSQETDEE FDARWVTYFN KPDIDAWELR KGINTLVTYD MVPEPKIIDA ALRACRRLND
	FASTVRILEV VKDKAGPHKE IYPYVIQELR PTLNELGIST PEELGLDKV
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:	95 %

### Target Details

Target:	COX5A
Alternative Name:	Cytochrome c oxidase subunit 5A, mitochondrial protein (COX5A Products)
Background:	This is the heme A-containing chain of cytochrome c oxidase, the terminal oxidase in
	mitochondrial electron transport.

#### **Target Details**

Molecular Weight:	39.9 kD
UniProt:	P20674
Pathways:	Proton Transport

#### **Application Details**

#### Comment:

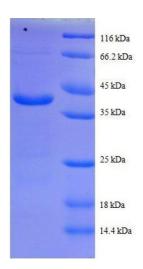
The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the 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



#### **SDS-PAGE**

Image 1. Cytochrome C Oxidase Subunit Va (COX5A) (AA 42-150), (full length) protein (GST tag)