# antibodies -online.com





## Cytochrome C1 Protein (CYC1) (AA 85-325, full length) (GST tag)



Go to Product page

### 1 Image

Overview	
Quantity:	100 μg
Target:	Cytochrome C1 (CYC1)
Protein Characteristics:	AA 85-325, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytochrome C1 protein is labelled with GST tag.
Application:	ELISA
Product Details	
Sequence:	SDLELHPPSY PWSHRGLLSS LDHTSIRRGF QVYKQVCASC HSMDFVAYRH LVGVCYTEDE
	AKELAAEVEV QDGPNEDGEM FMRPGKLFDY FPKPYPNSEA ARAANNGALP PDLSYIVRAR
	HGGEDYVFSL LTGYCEPPTG VSLREGLYFN PYFPGQAIAM APPIYTDVLE FDDGTPATMS
	QIAKDVCTFL RWASEPEHDH RKRMGLKMLM MMALLVPLVY TIKRHKWSVL KSRKLAYRPP K
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:	Cytochrome C1 (CYC1)
Alternative Name:	Cytochrome c1, heme protein, mitochondrial protein (CYC1 Products)

#### **Target Details**

Background:	This is the heme-containing component of the cytochrome b-c1 complex, which accepts
	electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial
	respiratory chain.
Molecular Weight:	54.7 kD
UniProt:	P08574

#### **Application Details**

#### Comment:

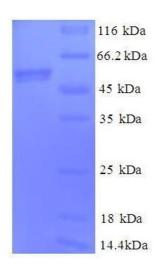
The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the 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 C1 (CYC1) (AA 85-325), (full length) protein (GST tag)