

Datasheet for ABIN7479241

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 AKELAAEEV QDGPNEGEM FMRPGKLFY FPKYPNSEA ARAANNGALP PDLSYIVRAR HGGEDYVFSL LTGYCEPPTG VSLREGLYFN PYFPGQAIAM APPIYTDVLE FDDGTPATMS QIAKDVCTFL RWASEPEHDH RCRMGLKMLM MMALLVPLVY TIKRHKWSVL KSRKLAYRPP K
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:	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 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



SDS-PAGE

Image 1. Cytochrome C1 (CYC1) (AA 85-325), (full length) protein (GST tag)