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Datasheet for ABIN1472563

## SUCLG2 Protein (AA 39-433) (His tag)

### Overview

Quantity:	1 mg
Target:	SUCLG2
Protein Characteristics:	AA 39-433
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUCLG2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>LN LQEYQSKKLM SDNGVKVQRF</p> <p>FVADTANEAL EAAKRLNAKE IVLKAQILAG GRGKGVFSSG LKGGVHLTKD PEVVGQLAKQ</p> <p>MIGYNLATKQ TPKEGVKVNK VMVAEALDIS RETYLAILMD RSCNGPVLVG SPQGGVDIEE</p> <p>VAASNPELIF KEQIDIIEGI KDSQAQRMAE NLGFLGPLQN QAADQIKKLY NLFLKIDATQ</p> <p>VEVNPFGETP EGQVVCDAK INFDDNAEFR QKDIFAMDDK SENEPIENEA AKYDLKYIGL</p> <p>DGNIACFVNG AGLAMATCDI IFLNGGKPAN FLDLGGGVKE SQVYQAFKLL TADPKVEAIL</p> <p>VNIFGGIVNC AIIANGITKA CRELELKVPL VVRLEGTVNH EAQNILTNSG LPITSAVDLE</p> <p>DAKKAVASV TTK</p>
Specificity:	Sus scrofa (Pig)
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.

## Product Details

Purity: > 90 %

## Target Details

Target: SUCLG2

Alternative Name: Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial (SUCLG2) ([SUCLG2 Products](#))

Background: Recommended name: Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial.  
EC= 6.2.1.4.  
Alternative name(s): GTP-specific succinyl-CoA synthetase subunit beta Succinyl-CoA synthetase beta-G chain.  
Short name= SCS-betaG

UniProt: [P53590](#)

## 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

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.