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SUCLG2 Protein (AA 38-432) (His tag)



Overview

Quantity:	1 mg
Target:	SUCLG2
Protein Characteristics:	AA 38-432
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUCLG2 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	LNL QEYQSKKLMS DNGVKVQRFF VADTANEALE AAKRLNAKEI VLKAQILAGG RGKGVFSSGL
	KGGVHLTKDP KVVGQLAKQM IGYNLATKQT PKEGVKVKKV MVAEALDISR ETYLAILMDR
	SCNGPVLVGS PQGGVDIEEV AASNPELIFK EQIDIIEGIK DSQAQRMAEN LGFLGPLKNQ
	AADQIKKLYN LFLKIDATQV EVNPFGETPE GQVVCFDAKI NFDDNAEFRQ KDIFAMDDKS
	ENEPIENEAA RYDLKYIGLD GNIACFVNGA GLAMATCDII FLNGGKPANF LDLGGGVKES
	QVYQAFKLLT ADPKVEAILV NIFGGIVNCA IIANGITKAC RELELKVPLV VRLEGTNVHE
	AQNILSNSGL PITSAVDLED AAKKAVASVA KK
Specificity:	Bos taurus (Bovine)
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:	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:	Q3MHX5

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.