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Datasheet for ABIN1460342

**SC01 Protein (AA 68-305) (His tag)**

## Overview

Quantity:	1 mg
Target:	SC01
Protein Characteristics:	AA 68-305
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SC01 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	STA MPPPPGSSGP EWKSGDPMR PSKPGPVSWK SLAVTFAIGG ALLAGMKYFK KEKTEKLEKE RHRSIGKPLL GGPFSLTTHT GEPKTDKDYL GQWVLIYFGF THCPDICPEE LEKMIQVVDE IDSIPTLPNL TPLFITIDPE RDTKEAIANY VKEFSPKLIG LTGTKEEIDQ VARAFRVVYS PGPKDEDEDY IVDHTIIMYL IGPDGEFLDY FGQNKKNAEI AGSIAAHMRT HRKKS
Specificity:	Bos taurus (Bovine)
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:	> 90 %

## Target Details

Target:	SC01
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## Target Details

Alternative Name:	Protein SCO1 homolog, mitochondrial (SCO1) ( <a href="#">SCO1 Products</a> )
Background:	Recommended name: Protein SCO1 homolog, mitochondrial
UniProt:	<a href="#">A1A4J8</a>
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

## 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.