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Datasheet for ABIN5713876

## TCO1 Protein (AA 25-416) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	TCO1
Protein Characteristics:	AA 25-416
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCO1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	CVVSEKDYSH LRLISAMDN LEQIRGIYGA SILLSQRLAG IQNPSLEEEL SQRIQDDMNR RDMSNLTSGQ LALIILAFGA CKTPDVRFIH DHHLVEKLGE KFKEEIKNME IHNSNPLTNY YQLSFDVLT CLFRGNYSIS NVTHYFNPEN KNFNLSGHFS VDTGAVAVLA LTCVKRSISN GKIKAAIKDS DTIQKYIESL VHKIQSEKMV VSLETRIAQE KLCRLSLSHQ TITKMNQIAK KLWTRCLTHS QGVFRLPIAA AQILPALLGK TYLDVTKLLL VPKVQVNITD EPVPVPTLS PENISVIYCV KINEISNCIN ITVFLDVMKA AQEKNSTIYG FTMTETPWGP YITSVQGIWA NNNERTYWEH SEQQQITKPR SMGIMLSKME SI
Purification:	SDS-PAGE
Purity:	> 90 %

## Target Details

Target:	TCO1
Alternative Name:	TCO1 ( <a href="#">TCO1 Products</a> )
Background:	Binds vitamin B12 with femtomolar affinity and protects it from the acidic environment of the stomach . Binds to cobalamin and to cobalamin analogs such as cobinamide.
Molecular Weight:	46.3 kDa
UniProt:	<a href="#">P17630</a>

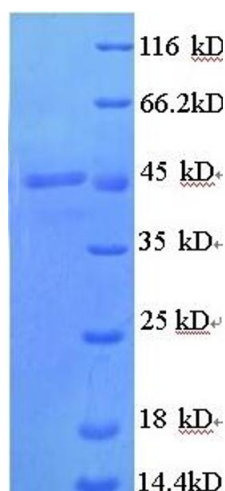
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Images



### SDS-PAGE

Image 1.