

Datasheet for ABIN7478986

## TCN1 Protein (AA 25-416, full length) (His tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	TCN1
Protein Characteristics:	AA 25-416, full length
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCN1 protein is labelled with His tag.
Application:	ELISA

#### Product Details

Sequence:	CVVSEKDYSH LRLISAMDN LEQIRGIYGA SILLSQRLAG IQNPSLEEEL SQRIQDDMNR RDMSNLTSQG LALIILAFGA CKTPDVRFIH DHHLVEKLG EKFKEEIKNME IHNSNPLTNY YQLSFDVLT LCLFRGNYSIS NVTHYFNPEN KNFNLSGHFS VDTGAVAVLA LTCVKRSISN GKIKAAIKDS DTIQKYIESL VHKIQSEKMV VSLETRIAQE KLCRLSLSHQ TITKMNQIAK KLWTRCLTHS QGVFRLPIAA AQILPALLGK TYLDVTKLLL VPKVQVNITD EPVPVPTLS PENISVIYCV KINEISNCIN ITVFLDVMKA AQEKNSTIYG FTMETPWGP YITSVQGIWA NNNERTYWEH SEQQQITKPR SMGIMLSKME SI
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.
Purity:	> 90 %

## Target Details

---

Target: TCN1

---

Alternative Name: Transcobalamin-1 (TCN1) ([TCN1 Products](#))

---

Background: Recommended name: Transcobalamin-1.  
Short name= TC-1.  
Alternative name(s): Cobalophilin Haptocorrin Protein R Transcobalamin I.  
Short name= TC I.  
Short name= TCI

---

Molecular Weight: 46.3 kD

---

UniProt: [P17630](#)

---

## 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 modified 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

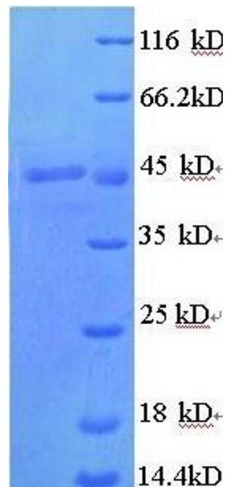
---

Storage: -20 °C

---

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

---



#### SDS-PAGE

**Image 1.** Transcobalamin I (Vitamin B12 Binding Protein, R Binder Family) (TCN1) (AA 25-416), (full length) protein (His tag)