

Datasheet for ABIN7586345  
**TKT Protein (AA 1-623) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TKT
Protein Characteristics:	AA 1-623
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TKT protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MEGYHKPDQQ KLQALKDTAN RLRISSIQAT TAAGSGHPTS CCSAAEIMAV LFFHTMRYKA</p> <p>LDPRNPHNDR FVLSKGHAAP ILYAVWAEAG FLPEAELLNL RKISSDL DGH PVPKQAFTDV</p> <p>ATGSLGQGLG AACGMAYTGK YFDKASYRVY CMLGDGEVSE GSVWEAMAFA GIYKLDNLVA</p> <p>IFDINRLGQS DPAPLQH QVD VYQKRCEAFG WHAIIVDGHS VEELCKAFGQ AKHQPTAIIA</p> <p>KTFKGRGITG IEDKEAWHGK PLPKNMAEQI IQEIYSQVQS KKKILATPPQ EDAPSVDIAN</p> <p>IRMPTPPNYK VGDKIATRKA YGLALAKLGH ASDRII ALDG DTKNSTFSEL FKKEHPDRFI</p> <p>ECYIAEQNMV SIAVGCATRD RTVPFCSTFA AFFTRA FDQI RMAAISESNI NLGSHCGVS</p> <p>IGEDGPSQMA LEDLAMFRSV PMSTVFYPSD GVATEKAVEL AANTKGICFI RTSR PENAI I</p> <p>YSNNEDFQVG QAKVVLKSKD DQVTVIGAGV TLHEALAAAE MLKKEKIGVR VLDPFTIKPL</p> <p>DKKLILDCAR ATKGRILTVE DHYYEGGIGE AVSAVVVGEP GVTVTRLAVS QVPRSGKPAE</p> <p>LLKMFGIDKD AIVQAVKGLV TKG</p>
Specificity:	Rattus norvegicus (Rat)

## Product Details

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:	TKT
---------	-----

Abstract:	<a href="#">TKT Products</a>
-----------	------------------------------

Background:	Recommended name: Transketolase. Short name= TK. EC= 2.2.1.1
-------------	--

UniProt:	<a href="#">P50137</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 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
------------------	---

## Handling

---

Storage: -20 °C

---

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