

Datasheet for ABIN7586300  
**TCF4 Protein (AA 1-589) (His tag)**



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## Overview

Quantity:	100 µg
Target:	TCF4
Protein Characteristics:	AA 1-589
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCF4 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MTSRDLGSHD NLSPPFANSR IQSKTERGSY SSYGRENQVQ CHQSLGGM DMGNPGLTSP</p> <p>TKPGSQYYPY SSNNARRRPL HSSTMEVQTK KVRKVPPGLP SSVYAPSAST ADYNRDS PGY</p> <p>SSSKPAASTF SSSFFMQDGH HSSDPWSSSS GMNQPGYGGM LGNSHIPQSS SYCSLHPHER</p> <p>LSYPSSHSSAD INSSLPPMST FHRSGTNHYS TSSCTPPANG TDSIMANRGT GAAGSSQTGD</p> <p>ALGKALASIY SPDHTNNSFS SNPSTPVGSP PSLSAGTAVW SRNGGQASSS PNYEGPLHSL</p> <p>QSRIEDRLER LDDAIHVLRN HAVGPSTAVP GGHGDMHGII GPSHNGAMGS LGSGYGTGLL</p> <p>SANRHSLMVG AHREDGVALR GSHSLLPNQV PVPQLPVQSA TSPDLNPPQD PYRGMPPGLQ</p> <p>GQSVSSGSSE IKSDDEGDEN LQDTKSSDK KLDDDKKDIK SITRSRSSNN DDELTPEQK</p> <p>AEREKERRMA NNARERLRVR DINEAFKELG RMVQLHLKSD KPQTKLLILH QAVAVILSLE</p> <p>QQVRERNLNP KAACLKRREE EKVSSPEPPL SLAGPHPGMG DTANHMGQM</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: TCF4

Abstract: [TCF4 Products](#)

Background: Recommended name: Transcription factor 4.  
Short name= TCF-4.  
Alternative name(s): Immunoglobulin transcription factor 2.  
Short name= ITF-2.  
Short name= RITF-2 R8f DNA-binding protein SL3-3 enhancer factor 2.  
Short name= SEF-2

UniProt: [Q62655](#)

Pathways: [WNT Signaling](#), [Positive Regulation of Peptide Hormone Secretion](#), [Peptide Hormone Metabolism](#), [Regulation of Hormone Metabolic Process](#), [Carbohydrate Homeostasis](#), [Stem Cell Maintenance](#), [Protein targeting to Nucleus](#)

## 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

## Handling

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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.