Datasheet for ABIN1612375

TCF12 Protein (AA 1-437) (His tag)

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Overview

Quantity:	1 mg
Target:	TCF12
Protein Characteristics:	AA 1-437
Origin:	Golden Syrian Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCF12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EFHDRLSYPP HSVSPTDIST SLPPMSSFHR GSTSSSPYVA ASHTPPINGS DSILGARGNA AGSSQTGDAL GKALASIYSP DHTSSSFPSN PSTPVGSPSP LTGTSQWPRA GGQAPSSPSY ENSLHSLKNR VEQQLHEHLQ DAMSFLKDVC EQSRMEDRLD RLDDAIHVLR NHAVGPSTSL PTSHSDIHSL LGPSHNAPIG NLNSNYGGSS LVTNSRSASM VGTHREDSVN LNGNHSVLSS TVAASNTDLN HKTPENYRGG LQNQSGNVVP TEIKTENKEK DENLHEPPSS DDMKSDDESS QKDIKVSSRG RTSSTNEDED LNPEQKIERE KERRMANNAR ERLRVRDINE AFKELGRMCQ LHLKSEKPQT KLLILHQAVA VILSLEQQVR ERNLNPKAAC LKRREEEKVS AASAEPPTTL PGTHPGLSET TNPMGHL
Specificity:	Mesocricetus auratus (Golden hamster)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	TCF12
Abstract:	TCF12 Products
Background:	Recommended name: Transcription factor 12. Short name= TCF-12. Alternative name(s): Beta-cell E-box transcriptional activator 1. Short name= BETA1 DNA-binding protein HTF4 E-box-binding protein Transcription factor HTF-4
UniProt:	Q60420
Pathways:	SARS-CoV-2 Protein Interactome

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 modificated 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.

