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Datasheet for ABIN1474598 TCF12 Protein (AA 1-707) (His tag)

Overview

Quantity:	1 mg
Target:	TCF12
Protein Characteristics:	AA 1-707
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCF12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MNPQQQRMAA IGTDKELSDL LDFSAMFSPV VNSGKTRPTT LGSSQFSGSG MDERGGTTSW</p> <p>GTSGQPSPSY DSSRGFTDSP HYSDHLNDSR LGTHEGLSPT PFMNSNLIGK TSEKGSFSLY</p> <p>SRDSGLSGCQ SSLLRQDLGL GSPAQLSSSG KPGTPYYSFS ATSSRRRPLH DSVALDPLQA</p> <p>KKVRKVPPGL PSSVYAPSPN SDDFNRESPP YPSPKPPTSM FASTFFMQDG THSSSDLWSS</p> <p>SNGMSQPGFG GILGTSTSHM SQSSSYGSLH SHDRLSYPPH SVSPTDINTS LPPMSSFHRG</p> <p>STSSSPYVAA SHTPPINGSD SILGTRGNAA GSSQTGDALG KALASIYSPD HTSSSFSPNP</p> <p>STPVGSPSPL TAGTSQWPRA GGQAPSSPSY ENSLHSLKNR VEQQLHEHLQ DAMSFLKDVC</p> <p>EQSRMEDRLD RLDDAIHVLR NHAVGPSTSL PTSHSDIHL LGPSHNAPIG NLNSNYGGSS</p> <p>LVTNSRSASM VGTHREDSVS LNGNHSVLSS TVAASNTLN HKTPESFRGG VQNQSGSVVP</p> <p>TEIKTENKEK DENLHEPPSS DDMKSDEESS QKDIKVSSRG RTSSTNEDED LNPEQKIERE</p> <p>KERRMANNAR ERLRVRDINE AFKELGRMCQ LHLKSEKPT KLLILHQAVA VILSLEQQVR</p> <p>ERNLNPKAAC LKRREEEKVS AASAEPTTL PGTHPGLSET TNPMGHL</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	TCF12
Abstract:	TCF12 Products
Background:	<p>Recommended name: Transcription factor 12.</p> <p>Short name= TCF-12.</p> <p>Alternative name(s): DNA-binding protein HTF4 E-box-binding protein Salivary-specific cAMP response element-binding protein alpha.</p> <p>Short name= SCBP-alpha Transcription factor HTF-4</p>
UniProt:	P51514
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Comment:	<p>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.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL

Handling

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.