

Datasheet for ABIN7557688  
**TCF12 Protein (AA 1-706) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TCF12
Protein Characteristics:	AA 1-706
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCF12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Tcf12 Protein expressed in mammalian cells.
Sequence:	MNPQQQRMMAA IGTDKELSDL LDFSAMFSPV VNSGKTRPTT LGSSQFSGSG MDERGGTTSW GTSGQPSPSY DSSRGFTDSP HYSDHLNDSR LGTHEGLSPT PFMNSNLIGK TSEGRSFSLY SRDSGLSGCQ SSLLRQDLGL GSPAQLSSSG KPGTPYYSFS ATSSRRRPLH DSVALDPLQA KKVRKVPPGL PSSVYAPSPN SDDFNRESPTS YPSKPPTSM FASTFFMQDG THSSSDLWSS SNGMSQPGFG GILGTSTSHM SQSSSYGSLH SHDRLSYPPH SVSPTDINTS LPPMSSFHRG STSSSPYVAA SHTPPINGSD SILGTRGNAA GSSQTGDALG KALASIYSPD HTSSSFPSNP STPVGSPSPL TGTSQWPRAG GQAPSSPSYE NSLHSLKNRV EQLLHEHLQD AMSFLKDVCE QSRMEDRLDR LDDAIHVLRN HAVGPSTSLP TSHSDIHSLL GPSHNASIGN LNSNYGGSSL VTNSRSASMV GTHREDSVSL NGNHSVLSST VAASNTLNH KTPENFRGGV QNQSGSVVPT EIKTENKEKD ENLHEPPSSD DMKSDESSQ KDIKVSSRGR TSSTNEDEDL NPEQKIEREK ERRMANNARE RLRVRDINEA FKELGRMCQL HLGSEKPTK LLILHQAVAV ILSLEQQVRE

RNLNPKAACL KRREEEKVSA ASAEPNTLP GAHPGLSEST NPMGHL **Sequence without tag.**  
**The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	TCF12
Alternative Name:	Tcf12 ( <a href="#">TCF12 Products</a> )
Background:	<p>Transcription factor 12 (TCF-12) (Class A helix-loop-helix transcription factor ME1) (DNA-binding protein HTF4) (E-box-binding protein) (Transcription factor HTF-4),FUNCTION: Transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3') (PubMed:18214987). May be involved in the functional network that regulates the development of the GnRH axis (By similarity). {ECO:0000250 UniProtKB:Q99081, ECO:0000269 PubMed:18214987}.</p>
Molecular Weight:	75.8 kDa
UniProt:	<a href="#">Q61286</a>

## Target Details

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Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months