

Datasheet for ABIN7561682  
**TCF23 Protein (AA 1-209) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TCF23
Protein Characteristics:	AA 1-209
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCF23 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Tcf23 Protein expressed in mammalien cells.
Sequence:	<p>MSQEATEAPA MPGEGHGHNK AKARWLLGTD RKRSRINRTR QDLWEDTSWS NHRLSRATSA</p> <p>PRGTRARGTA HGRSEASPEN AARERTRVKT LRQAFLALQA ALPAVPPDTK LSKLDVLVLA</p> <p>TSYIAHLTRT LGHELPGPAW PPFVRGLRYL HPLKKWPMRS RLYAGGLGCS DLDSTTAIT</p> <p>GQRCKDAELG SQDSVAAESL LTSPAFGNK <b>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.</b></p>
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 mammalien cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>

## Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

Target:	TCF23
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Alternative Name:	Tcf23 ( <a href="#">TCF23 Products</a> )
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Background:	Transcription factor 23 (TCF-23) (Basic helix-loop-helix transcription factor OUT) (Ovary, uterus and testis protein),FUNCTION: Inhibits E-box-mediated binding and transactivation of bHLH factors. Inhibitory effect is similar to that of ID proteins. Inhibits the formation of TCF3 and MYOD1 homodimers and heterodimers. Lacks DNA binding activity. May be involved in the regulation or modulation of smooth muscle contraction of the uterus during pregnancy and particularly around the time of delivery. Seems to play a role in the inhibition of myogenesis. {ECO:0000269 PubMed:10652346}.
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Molecular Weight:	22.9 kDa
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UniProt:	<a href="#">Q9JLR5</a>
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## Application Details

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.
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Restrictions:	For Research Use only
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Handling

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