

Datasheet for ABIN7544311  
**TGIF1 Protein (AA 1-401) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TGIF1
Protein Characteristics:	AA 1-401
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGIF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat TGIF1 Protein expressed in mammalien cells.
Sequence:	MVLAQSRVSA GVGSPHCSGS GGGGSDSFPW PASHPGNPQC SFSTAFLASP RLSRGTLAYL PPAPWSSLAT PSALLGSSCA PPPPPARCPQ PRALSPELGT KAGPRRPHRW ELPRSPSQGA QGAPARRRLL ETMKGIVAAS GSETEDEDSM DIPLDLSSSA GSGKRRRRGN LPKESVQILR DWLYEHRYNA YPSEQEKALL SQQTHLSTLQ VCNWFINARR RLLPDMLRKD GKDPNQFTIS RRGAKISETS SVESVMGIKN FMPALEETPF HSCTAGPNPT LGRPLSPKPS SPGSVLARPS VICHTTVTAL KDVPFSLCQS VGVGQNTDIQ QIAAKNFTDT SLMYPEDTCK SGPSTNTQSG LFNTPPPTPP DLNQDFSGFQ LLVDVALKRA AEMELQAKLT A <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>
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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.

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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

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Target:	TGIF1
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Alternative Name:	TGIF1 ( <a href="#">TGIF1 Products</a> )
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Background:	Homeobox protein TGIF1 (5'-TG-3'-interacting factor 1),FUNCTION: Binds to a retinoid X receptor (RXR) responsive element from the cellular retinol-binding protein II promoter (CRBP-II-RXRE). Inhibits the 9-cis-retinoic acid-dependent RXR alpha transcription activation of the retinoic acid responsive element. Active transcriptional corepressor of SMAD2. Links the nodal signaling pathway to the bifurcation of the forebrain and the establishment of ventral midline structures. May participate in the transmission of nuclear signals during development and in the adult, as illustrated by the down-modulation of the RXR alpha activities.
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Molecular Weight:	43.0 kDa
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UniProt:	<a href="#">Q15583</a>
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Pathways:	<a href="#">Retinoic Acid Receptor Signaling Pathway, Chromatin Binding, Tube Formation</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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