

Datasheet for ABIN7563969  
**TLE1 Protein (AA 1-770) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TLE1
Protein Characteristics:	AA 1-770
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLE1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tle1 Protein expressed in mammalian cells.
Sequence:	MFPQSRHPTP HQAAGQPFKF TIPESLDRIK EEFQLQAQY HSLKLECEKL ASEKTEMQRH YVMYYEMSYG LNIEMHKQTE IAKRLNTICA QVIPFLSQEH QQQVAQAVER AKQVTMAELN AIIGQQQLQA QHLSHGHGPP VPLTPHPSGL QPPGIPPLGG SASLLALSSA LSGQSHLAIK DDKKHHDAER HRDRESGTSN SLLVPDSLRS TDKRRNGPEF SSDIKKRKVD DKDNYDSDGD KSDDNLVVDV SNEDPSSPHA SPTHSPRENG IDKNRLLKGD ASGSPASTAS SGSSSSLKSK EVSLHEKANT PVLKSSTPTP RSDMPTPGTS ATPGLRPLG KPPAMEPLVN QAAAGLRTPL AVPGYPAPF GMVPHAGMNG ELTSPGAAYA GLHSMSPQMS AAAAAAAAAAV VAYGRSPMVG FDPPPHMRVP SIPPFLAGIP GGKPAYSFHV TADGQMQPVP FPPDALIGPG IPRHARQINT LNHGEEVCAV TISNPTRHVY TGGKGCVKVW DISHPGNKSP VSQLDCLNRD NYIRSCKLLP DGCTLIVGGE ASTLSIWDLA APTPRIKAEL TSSAPACYAL AISPDSKVCF SCCSDGNIAV WDLHNQTLVR QFQGHTDGAS CIDISNDGK LWTGGLDNTV RSWDLREGRQ LQQHDFTSQI FSLGYCPTGE WLAVGMESSN VEVLHVKNPD KYQLHLHESC VLSLKFAYCG KWFVSTGKDN

## Product Details

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LLNAWRTPYG ASIFQSKESS SVLSCDISVD DKYIVTGSGD KKATVYEVIY **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.**

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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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Characteristics: Key Benefits:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: TLE1

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Alternative Name: Tle1 ([TLE1 Products](#))

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Background: Transducin-like enhancer protein 1 (Groucho-related protein 1) (Grg-1),FUNCTION: Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, and by CTNNB1 and TCF family members in Wnt signaling. Enhances FOXG1/BF-1- and HES1-mediated transcriptional repression (PubMed:16314515). The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Unusual function as coactivator for ESRRG (By similarity). {ECO:0000250, ECO:0000269|PubMed:16314515}.

## Target Details

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Molecular Weight:	83.1 kDa
UniProt:	<a href="#">Q62440</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. 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