

Datasheet for ABIN7555774
TLE1 Protein (AA 1-770) (His tag)



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Overview

Quantity:	1 mg
Target:	TLE1
Protein Characteristics:	AA 1-770
Origin:	Human
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:	<p>MF PQSRHPTP HQAAGQP FKF TIPS LDRIK EEQFLQAQY HSLKLECEKL ASEKTEMQRH</p> <p>YVMYYEMSYG LNIEMHKQTE IAKRLNTICA QVIPFLSQEH QQQVAQAVER AKQVTMAELN</p> <p>AIIGQQQLQA QHLSHGHGPP VPLTPHPSGL QPPGIPPLGG SAGLLALSSA LSGQSHLAIK</p> <p>DDKKHHDAEH HRDREPGTSN SLLVPDSL RG TDKRRNGPEF SNDIKKRKVD DKDSSHYDSD</p> <p>GDKSDDNLVW DVSNE DPSSP RASPAHSPRE NGIDKNRLLK KDASSSPAST ASSASSTSLK</p> <p>SKEMSLHEKA STPV LKSSTP TPRSDMPTPG TSATPGLRPG LGKPPAIDPL VNQAAAGLRT</p> <p>PLAVPGPYPA PFGMVPHAGM NGELTSPGAA YASLHNMS PQ MSAAAAAAAV VAYGRSPMVG</p> <p>FDPPPHMRVP TIPPNLAGIP G GKPAYSFHV TADGQM QPVP FPPDALIGPG IPRHARQINT</p> <p>LNHGEVCAV TISNPTRHVY TGGKGCVK VV DISHPGNKSP VSQLDCLNRD NYIRSCKLLP</p> <p>DGCTLIVGGE ASTLSIWDLA APTPRIKAE L TSSAPACYAL AISPDSKVCF SCCSDGNIAV</p> <p>WDLHNQTLVR QFQGHTDGAS CIDISNDGTK LWTGGLDNTV RSWDLREGRQ LQQHDFTSQI</p> <p>FSLGYCPTGE WLAVGMES SN VEVLHV N KPD KYQLHLHESC VLSLK FAYCG KWFVSTGKDN</p>

Product Details

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.

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.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TLE1

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

Background: Transducin-like enhancer protein 1 (E(Sp1) homolog) (Enhancer of split groucho-like protein 1) (ESG1),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 (By similarity). The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Unusual function as coactivator for ESRRG. {ECO:0000250|UniProtKB:Q62440,

Target Details

	ECO:0000269 PubMed:10660609}.
Molecular Weight:	83.2 kDa
UniProt:	Q04724
Pathways:	WNT Signaling , SARS-CoV-2 Protein Interactome

Application Details

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

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