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Datasheet for ABIN7555756
TEAD4 Protein (AA 1-434) (His tag)

Overview

Quantity:	1 mg
Target:	TEAD4
Protein Characteristics:	AA 1-434
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEAD4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant TEAD4 Protein expressed in mammalian cells.
Sequence:	MEGTAGTITS NEWSSPTSPE GSTASGGSQA LDKPIDNDAE GVWSPDIEQS FQEALAIYPP CGRRKIILSD EGKMYGRNEL IARYIKLRTG KTRTRKQVSS HIQVLARRKA REIQAKLKDQ AAKDKALQSM AAMSSAQIIS ATAFHSSMAL ARGPRPAVS GFWQGALPGQ AGTSHDVKPF SQQTYAVQPP LPLPGFESPA GPAPSPSAPP APPWQGRSVA SSKLWMLEFS AFLEQQQDPD TYNKHLFVHI GQSSPSYSDP YLEAVDIRQI YDKFPEKKGK LKDLFERGNS NAFFLVKFWA DLNTNIEDEG SSFYGVSSQY ESPENMIITC STKVCSEFGKQ VVEKVETEYA RYENGHYSYR IHRSPICEYM INFIHKLKHL PEKYMMSVLE ENFTILQVVT NRDTQETLLC IAYVFEVSAS EHGAQHIIYR LVKE 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:	Key Benefits:

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	TEAD4
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Alternative Name:	TEAD4 (TEAD4 Products)
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Background:	Transcriptional enhancer factor TEF-3 (TEA domain family member 4) (TEAD-4) (Transcription factor 13-like 1) (Transcription factor RTEF-1),FUNCTION: Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds specifically and non-cooperatively to the Sph and GT-IIC 'enhancers' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif. {ECO:0000269 PubMed:18579750, ECO:0000269 PubMed:19324877}.
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Molecular Weight:	48.3 kDa
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UniProt:	Q15561
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Target Details

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

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.

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