

## Product datasheet

# Recombinant Human TEAD4 protein ab152733

[1 Image](#)

### Overview

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<b>Product name</b>	Recombinant Human TEAD4 protein
<b>Protein length</b>	Protein fragment

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

### Amino Acid Sequence

<b>Accession</b>	<a href="#">Q15561</a>
<b>Species</b>	Human
<b>Sequence</b>	<p>MYGRNELIARYIKLRTGKTRTRKQVSSHIQVLARRKAREIQAKLKDQAAK            DKALQSMAAMSSAQIISATAFHSSMALARGPGRPAPVSGFWQGALPGQAGT            SHDVKPFSSQQTAVQPPLPLPGFESPAGPAPSPSAPPAPPWQGRSVASSK            LWMLEFSAFLEQQQDPDTYNKHLFVHIGQSSPSYSDPYLEAVDIRQYDK            FPEKKGGLKDLFERGPSNAFFLVKFWADLNTNIEDEGSSFYGVSSQYESP            ENMIITCSTKVCSFGKQVVEKVEYARYENGHYSYRIHRSPLCEYMINF            IHKLLKHLPEKYMMNSVLENFTILQVV TNRDTQETLLCIAVFEVSASEHG            AQHHIYRLVKE</p>
<b>Molecular weight</b>	65 kDa including tags
<b>Amino acids</b>	74 to 434

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab152733** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	<p>ELISA</p> <p>SDS-PAGE</p> <p>Western blot</p>
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 µg/µl.

## Preparation and Storage

### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

### 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-ILC 'enhancers' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif.

### Tissue specificity

Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.

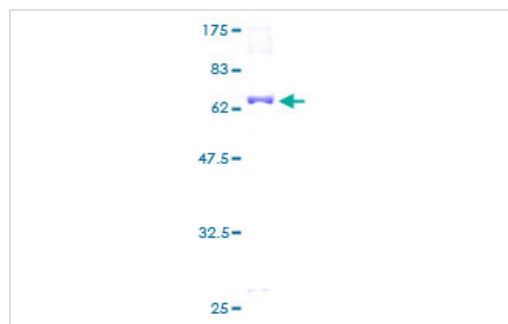
### Sequence similarities

Contains 1 TEA DNA-binding domain.

### Cellular localization

Nucleus.

## Images



SDS-PAGE - TEAD4 protein (Tagged) (ab152733)

12.5% SDS-PAGE analysis of ab152733 stained with Coomassie Blue.

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