

Product datasheet

Recombinant Human TWF2 protein ab161424

1 Image

Overview

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<b>Product name</b>	Recombinant Human TWF2 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>Species</b>	Human
<b>Sequence</b>	FAGYQKHLSSCAAPAPL TSAERELQQIRINEVKTEISVESKHQTLQGLAF PLQPEAQRALQQLKQKMNVIQMKLDLERETIELVHTEPTDVAQLPSRVP
<b>Amino acids</b>	131 to 230
<b>Tags</b>	proprietary tag N-Terminus

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab161424** 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>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

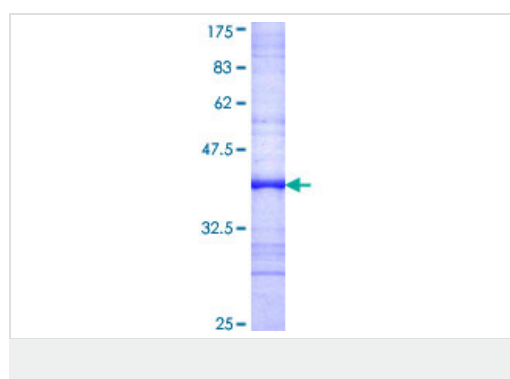
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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

<b>Function</b>	Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles. May play a role in regulating the mature length of the middle and short rows of stereocilia.
<b>Tissue specificity</b>	Ubiquitously expressed (at protein level).
<b>Sequence similarities</b>	Belongs to the actin-binding proteins ADF family. Twinfilin subfamily. Contains 2 ADF-H domains.
<b>Post-translational modifications</b>	In vitro, phosphorylated by PRKCZ, CK2 and SRC.
<b>Cellular localization</b>	Cytoplasm > cytoskeleton. Cytoplasm > perinuclear region. Cell projection > stereocilium. Perinuclear and G-actin-rich cortical actin structure sublocalization.

## Images



ab161424 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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