

## Product datasheet

# Recombinant Human Toca-1 protein ab162869

1 Image

### Overview

<b>Product name</b>	Recombinant Human Toca-1 protein
<b>Protein length</b>	Protein fragment

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	LNLRTHMADENKNEYAAQLQNFNGEQHKHFYVVIPQIY KQLQEMDERRTI KLSECYRGFADSERK
<b>Amino acids</b>	175 to 239
<b>Tags</b>	proprietary tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab162869** 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>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. Previously labelled as FNBP1L.

### Preparation and Storage

<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

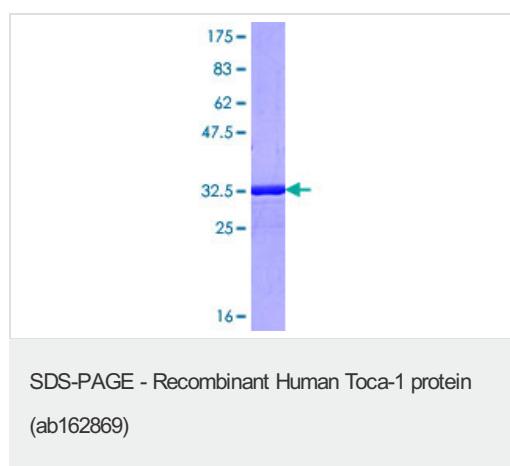
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<b>Function</b>	Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. May bind to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promote membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by activating the WASL/N-WASP-WASPIP/WIP complex, the predominant form of WASL/N-WASP in cells. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles.
<b>Sequence similarities</b>	Belongs to the FNBP1 family. Contains 1 FCH domain. Contains 1 REM (Hr1) repeat. Contains 1 SH3 domain.
<b>Cellular localization</b>	Cytoplasm. Cytoplasm > cytoskeleton. Cytoplasm > cell cortex. Cytoplasmic vesicle. Cell membrane.

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## Images

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ab162869 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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