

# Recombinant Human TWF1/Twinfilin-1 protein ab116148

### 1 图像

#### 描述

产品名称	重组人TWF1/Twinfilin-1蛋白	
纯度	> 80 % SDS-PAGE. purified by using conventional chromatography	
表达系统	Escherichia coli	
Accession	<b><u>Q12792</u></b>	
蛋白长度	Protein fragment	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MGSSHHHHHH SSGLVPRGSH MGS HM MLYAA TRATLKKEFG GGHIKDEVFG TVKEDVSLHG YKKYLLSQSS PAPLTAAEEE LRQIKINEVQ TDVGVDTKHQ TLQGVAFPI S REAFQALEKL NNRQLNYVQL EIDIKNEIII LANTTNTLTK DLPKRIPKDS ARYHFFLYKH SHEGDYLESI VFIYSMPGYT CSIRERMLYS SCKSRLLEIV ERQLQMDVIR KIEIDNGDEL TADFLYEEVH PKQHAHKQSF AKPKGPAGKR GIRRLIRGPA ETEATTD
预测分子量	32 kDa including tags	
氨基酸	100 to 350	
标签	His tag N-Terminus	

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab116148** in the following tested applications.

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

应用	SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid
补充说明	This product was previously labelled as TWF1

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## 常规信息

### 功能

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.

### 组织特异性

Expressed at high levels in the colon, testis, ovary, prostate and lung. Expressed at lower levels in the brain, bladder and heart. Not detected in liver.

### 序列相似性

Belongs to the actin-binding proteins ADF family. Twinfilin subfamily.  
Contains 2 ADF-H domains.

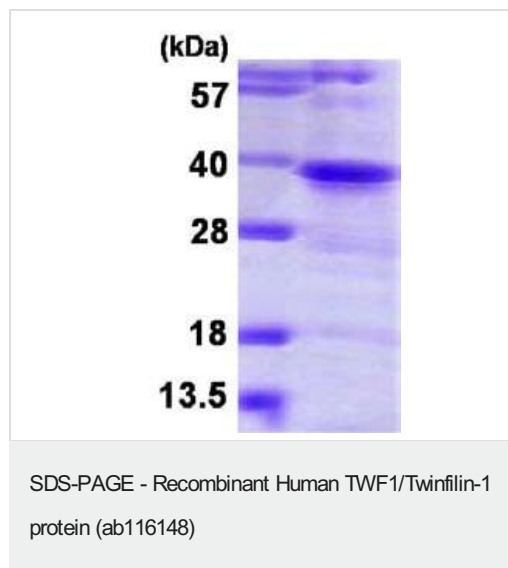
### 翻译后修饰

Phosphorylated on serine and threonine residues.

### 细胞定位

Cytoplasm. Cytoplasm > cytoskeleton. Diffuse cytoplasmic localization with perinuclear and G-actin-rich cortical actin structures sublocalization. Also found at membrane ruffles and cell-cell contacts.

## 图片



15% SDS-PAGE showing ab116148 at approximately 31.5kDa (3µg)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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