

## Product datasheet

# Recombinant Human RND1 protein ab109840

[1 References](#) [1 图像](#)

### 描述

产品名称	重组人RND1蛋白
纯度	> 95 % SDS-PAGE. No detergents such as urea, Triton or Tween were used to purify the proteins. Purified by using anion exchange chromatography (DEAE sepharose resin) and gel filtration chromatography (Sephacryl S 200) with 20mM Tris pH 7.5, 2mM EDTA.
表达系统	Escherichia coli
Accession	<a href="#">Q92730</a>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<b>MGSSHHHHHH SSGLVPRGSH SPYYDNVRPL CYSDSDAVLL CFDISRPETV DSALKKWRTE ILDYCPSTRV LLIGCKTDLR TDLSTLMELS HQQQAPISYE QGCAIAKQLG MKERRAPQPV VARCKLVLVG DVQCGKTAML QVLAKDCYPE TYVPTVFENY TACLETEEQR VELSLWDTSG AEIYLEGSAF TSEKSIHSIF RTASMLCLNK PSPLPQKSPV</b>
预测分子量	25 kDa
氨基酸	1 to 200
标签	His tag N-Terminus

### 技术指标

Our **Abpromise guarantee** covers the use of **ab109840** 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 Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

## 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, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## 常规信息

### 功能

Lacks intrinsic GTPase activity. Has a low affinity for GDP, and constitutively binds GTP. Controls rearrangements of the actin cytoskeleton. Induces the Rac-dependent neuritic process formation in part by disruption of the cortical actin filaments. Causes the formation of many neuritic processes from the cell body with disruption of the cortical actin filaments.

### 组织特异性

Mostly expressed in brain and liver.

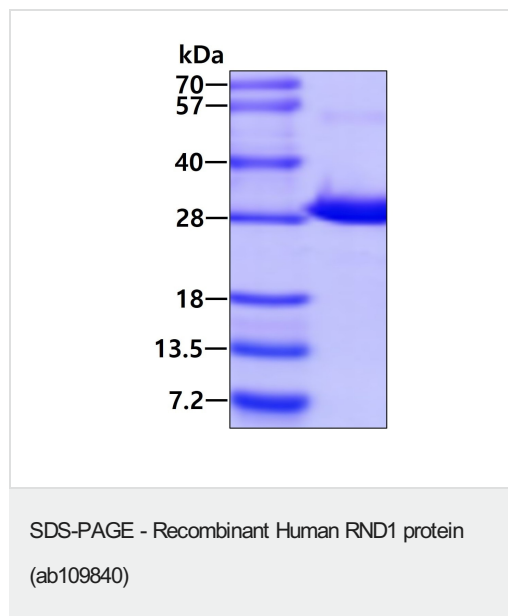
### 序列相似性

Belongs to the small GTPase superfamily. Rho family.

### 细胞定位

Cell membrane. Cytoplasm > cytoskeleton.

## 图片



15% SDS-PAGE analysis of ab109840 at 3µg.

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