

# Recombinant Human RND1 protein ab109840

**1 References**   [画像数 1](#)

### 製品の詳細

製品名	Recombinant Human RND1 protein
精製度	> 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.
発現系	Escherichia coli
アクセッション番号	<b><u>Q92730</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p> <b>MGSSHHHHHH SSGLVPRGSH SPYYDNVRPL</b>  <b>CYSDSDAVLL CFDISRPETV DSALKKWRT</b>  <b>ILDYCPSTRV LLIGCKTDLR TDLSTLMELS</b>  <b>HQKQAPISYE QGCAIAKQLG MKERRAPQPV</b>  <b>VARCKLVLVG DVQCGKTAML QVLAKDCYPE</b>  <b>TYVPTVFENY TACLETEEQR VELSLWDTSG</b>  <b>AEIYLEGSAF TSEKSIHSIF RTASMLCLNK</b>  <b>PSPLPQKSPV</b> </p>
予測される分子量	25 kDa
領域	1 to 200
タグ	His tag N-Terminus

### 特性

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.

アプリケーション	SDS-PAGE
	Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

## 前処理および保存

### 保存方法および安定性

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

## 関連情報

### 機能

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.

### 組織特異性

Mostly expressed in brain and liver.

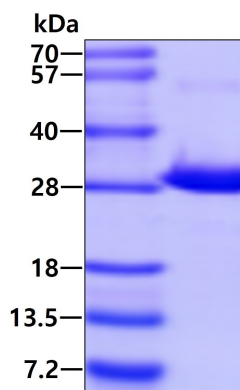
### 配列類似性

Belongs to the small GTPase superfamily. Rho family.

### 細胞内局在

Cell membrane. Cytoplasm > cytoskeleton.

## 画像



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

SDS-PAGE - Recombinant Human RND1 protein  
(ab109840)

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

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