

# Recombinant Human AMPK alpha 1 protein ab202156

画像数 1

### 製品の詳細

製品名	Recombinant Human AMPK alpha 1 protein
精製度	> 85 % SDS-PAGE. ab202156 was purified by conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>Q13131</u></b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMGSMRRLSSWRKMATAEKQKHD GRVKIGHY ILGDTLGVGTFGKVKVGKHELTGHKVAVKILNRQKIRSLDVV GKIRREIQ NLKLFRRHPHIKLYQVISTPSDIFVMMEYVSGGELFDYICKN GRLDEKES RRLFQQILSGVDYCHRMVVHRDLKPEVLLDAHMNAKIADF GLSNMMSD GEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSSGVILYALL CGTLPFDD DHVPTLFKKICDGI FYTPQYLNPSVISLLKHMLQVDPMKRAT IKDIREHE WF
予測される分子量	34 kDa including tags
領域	1 to 279
タグ	His tag N-Terminus
配列の追加情報	NP_006242.

### 特性

Our **Abpromise guarantee** covers the use of **ab202156** 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

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: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## 関連情報

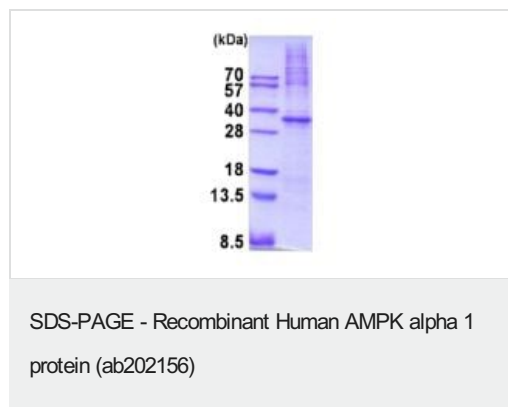
### 機能

Responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. It also regulates cholesterol synthesis via phosphorylation and inactivation of hormone-sensitive lipase and hydroxymethylglutaryl-CoA reductase. Appears to act as a metabolic stress-sensing protein kinase switching off biosynthetic pathways when cellular ATP levels are depleted and when 5'-AMP rises in response to fuel limitation and/or hypoxia. This is a catalytic subunit.

### 配列類似性

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily. Contains 1 protein kinase domain.

## 画像



15% SDS-PAGE analysis of ab202156 (3μg).

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors