

# Recombinant Human Ghrelin protein ab89233

## 1 References [画像数 2](#)

### 製品の詳細

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製品名	Recombinant Human Ghrelin protein
精製度	> 90 % SDS-PAGE. ab89233 is purified using conventional chromatography techniques. Endotoxin: < 1.0 EU per 1 microgram of protein (determined by LAL method).
発現系	Escherichia coli
アクセッション番号	<b><u>Q9UBU3-1</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
タグ	His tag N-Terminus

### 特性

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Our **Abpromise guarantee** covers the use of **ab89233** 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	Western blot SDS-PAGE
製品の状態	Liquid

### 前処理および保存

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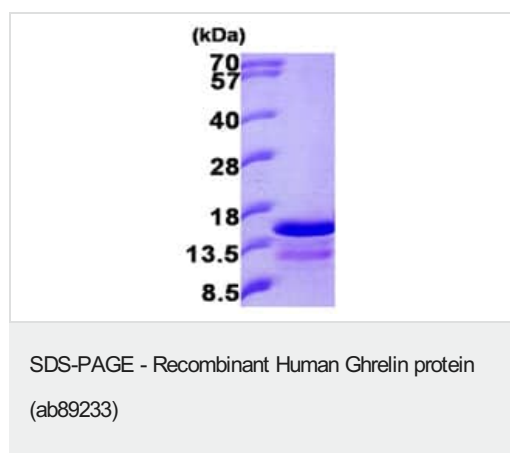
保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 1.12% Sodium chloride, 1.74% PMSF
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### 関連情報

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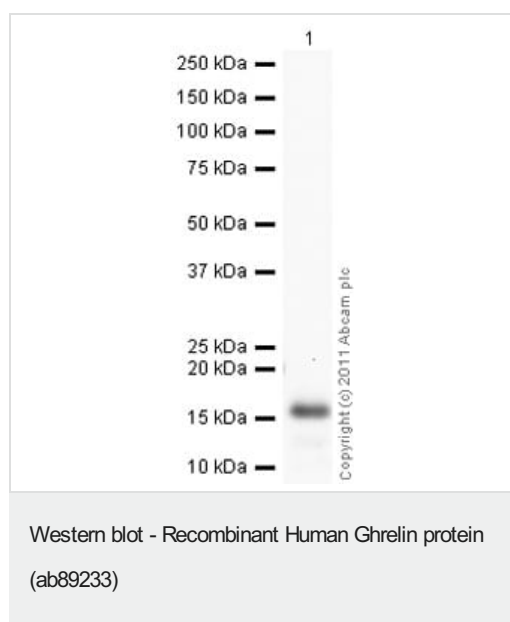
<b>機能</b>	Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation. Obestatin may be the ligand for GPR39. May have an appetite-reducing effect resulting in decreased food intake. May reduce gastric emptying activity and jejunal motility.
<b>組織特異性</b>	Highest level in stomach. All forms are found in serum as well. Other tissues compensate for the loss of ghrelin synthesis in the stomach following gastrectomy.
<b>配列類似性</b>	Belongs to the motilin family.
<b>翻訳後修飾</b>	O-octanoylation or O-decanoylation is essential for ghrelin activity. The O-decanoylated forms Ghrelin-27-C10 and Ghrelin-28-C10 differ in the length of the carbon backbone of the carboxylic acid bound to Ser-26. A small fraction of ghrelin, ghrelin-28-C10:1, may be modified with a singly unsaturated carboxylic acid. Amidation of Leu-98 is essential for obestatin activity.
<b>細胞内局在</b>	Secreted.

## 画像



15% SDS-PAGE showing ab89233 (3µg).

Note: Real molecular weight on SDS-PAGE is shifted up compared to predicted molecular weight.



Anti-Ghrelin antibody ([ab57222](#)) at 1 µg/ml + Recombinant Human Ghrelin protein (ab89233) at 0.1 µg

### Secondary

Goat Anti-Mouse IgG H&L (HRP) preadsorbed ([ab97040](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Exposure time:** 2 minutes

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

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