

Product datasheet

Recombinant Human Ghrelin protein ab89233

1 References 画像数 1

製品の概要

製品名	Recombinant Human Ghrelin protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
生物種	Human

特性

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
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).
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, pH 8.0
------------	--

関連情報

機能	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.

#### 組織特異性

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.

#### 配列類似性

Belongs to the motilin family.

#### 翻訳後修飾

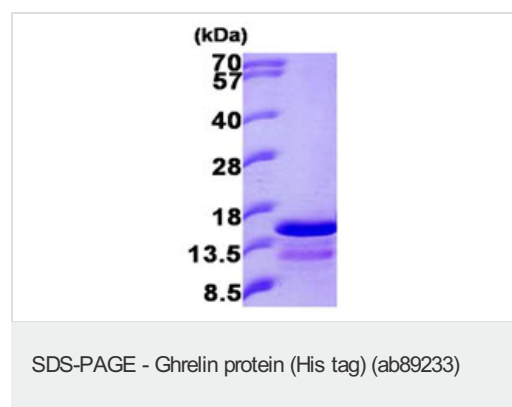
O-octanoylation or O-decanoylation is essential for ghrelin activity. The O-decanoylated forms Ghrelin-27-C10 and Ghrelin-28-C10 differ in the length of the carbon backbone of the carboxylic acid bound to Ser-26. A small fraction of ghrelin, ghrelin-28-C10:1, may be modified with a singly unsaturated carboxylic acid.

Amidation of Leu-98 is essential for obestatin activity.

#### 細胞内局在

Secreted.

#### 画像



15% SDS-PAGE showing ab89233 (3 $\mu$ g).

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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

#### 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 <http://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