

# Recombinant Human Ghrelin protein ab89233

[1 References](#) [2 图像](#)

### 描述

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产品名称	重组人Ghrelin蛋白
纯度	> 90 % SDS-PAGE. ab89233 is purified using conventional chromatography techniques. Endotoxin: < 1.0 EU per 1 microgram of protein (determined by LAL method).
表达系统	Escherichia coli
Accession	<b><u>Q9UBU3-1</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
标签	His tag N-Terminus

### 技术指标

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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.

应用	Western blot SDS-PAGE
形式	Liquid

### 制备和贮存

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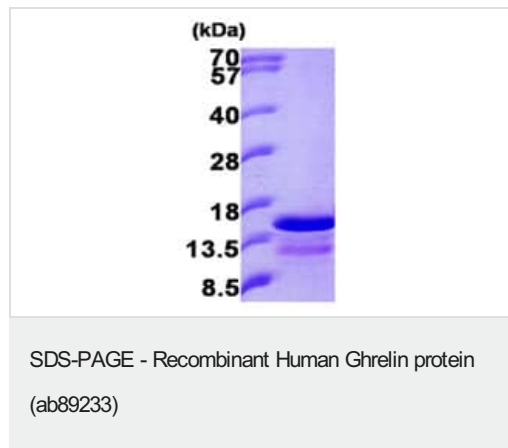
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 1.12% Sodium chloride, 1.74% PMSF
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### 常规信息

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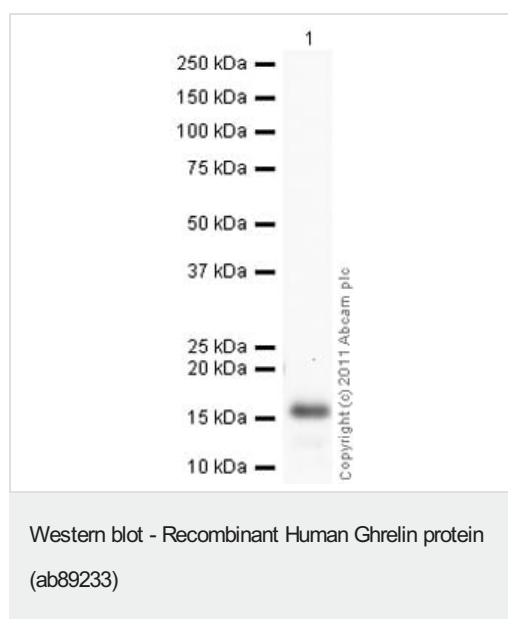
<b>功能</b>	Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation. Obestatin may be the ligand for GPR39. May have an appetite-reducing effect resulting in decreased food intake. May reduce gastric emptying activity and jejunal motility.
<b>组织特异性</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>序列相似性</b>	Belongs to the motilin family.
<b>翻译后修饰</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>细胞定位</b>	Secreted.

## 图片



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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