

## Product datasheet

# Recombinant Human Chromogranin A protein ab85339

1 Image

### Overview

<b>Product name</b>	Recombinant Human Chromogranin A protein
<b>Protein length</b>	Protein fragment

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Species</b>	Human
<b>Sequence</b>	MLPVNSPMNK GDTEVMKCV EVISDTLSKP SPMPVSQECF ETLRGDERIL SILRHQNLK ELQDLALQGA KERAHQQKKH SGFEDELSEV LENQSSQAEL KEAVEEPSSK DVME

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab85339** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 95 % SDS-PAGE. ab85339 is purified using conventional chromatography techniques. Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method).
<b>Form</b>	Liquid
<b>Additional notes</b>	

Vasostatin 2 is the N-terminal fragment (19-131 aa) derived from the cleavage of chromogranin A (CgA) which is a member of the chromogranin/secretogranin(granins) family of neuroendocrine secretory proteins. Vasostatin 2 has been shown to exert several biological activities on several tissues and organs and exerts a large spectrum of homeostatic actions, including antifungal and antimicrobial effect, modulation of cell adhesion, and inhibition of parathyroid hormone secretion.

## Preparation and Storage

### Stability and Storage

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

## General Info

### Function

Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.

### Sequence similarities

Belongs to the chromogranin/secretogranin protein family.

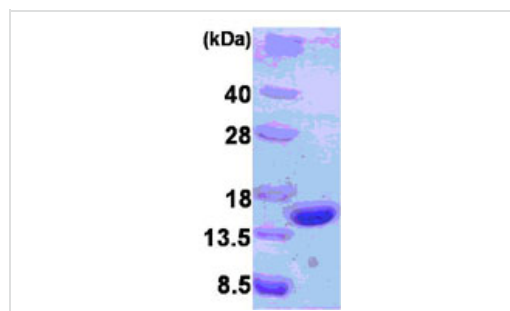
### Post-translational modifications

Sulfated on tyrosine residues and/or contains sulfated glycans.  
O-glycosylated with core 1 or possibly core 8 glycans.

### Cellular localization

Secreted. Neuroendocrine and endocrine secretory granules.

## Images



15% SDS-PAGE showing ab85339 at approximately 12.8kDa (3µg).

SDS-PAGE - Chromogranin A protein (Human)  
(ab85339)

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

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