

Product datasheet

Recombinant Human Chromogranin A protein ab85339

1 Image

Overview

Product name	Recombinant Human Chromogranin A protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Human
Sequence	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.

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

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.

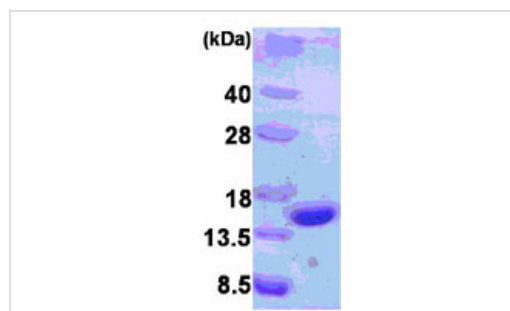
Post-translational modifications

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)

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