

## Product datasheet

# Natural pig CELA1 protein ab94938

### Overview

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<b>Product name</b>	Natural pig CELA1 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Native
<b>Source</b>	Native

### Amino Acid Sequence

<b>Species</b>	Pig
<b>Amino acids</b>	27 to 264

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab94938** in the following tested applications.

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

<b>Biological activity</b>	Specific activity: 135 U/mg on substrate elastin-orcein (570 nm).
<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 95 % SDS-PAGE. ab94938 was chromatographically prepared from the euglobin fraction of porcine pancreas.
<b>Form</b>	Lyophilised
<b>Additional notes</b>	ab94938 is supplied as a salt free lyophilized powder that is free of trypsin and chymotrypsin.

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. Preservative: None This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Reconstitute with 0.05 M Na Acetate and 0.1 M NaCl pH 5.0 to 1 mg/ml or desired concentration, then aliquot and freeze remaining portion.

## General info

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<b>Function</b>	Acts upon elastin.
<b>Tissue specificity</b>	Skin; not expressed in pancreas.
<b>Sequence similarities</b>	Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.
<b>Cellular localization</b>	Secreted.

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**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

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- 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.com/abpromise> or contact our technical team.

## Terms and conditions

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