

Product datasheet

Native pig Elastase-1 protein ab94938

Description

Product name	Native pig Elastase-1 protein
Biological activity	Specific activity: 135 U/mg on substrate elastin-orcein (570 nm).
Purity	> 95 % SDS-PAGE. ab94938 was chromatographically prepared from the euglobin fraction of porcine pancreas.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Pig
Amino acids	27 to 264

Specifications

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.

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	ab94938 is supplied as a salt free lyophilized powder that is free of trypsin and chymotrypsin. This product was previously labelled as CELA1

Preparation and Storage

Stability and Storage	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	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

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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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 <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors