

Product datasheet

Native rat Elastase-1 protein ab94946

Description

Product name	Native rat Elastase-1 protein
Purity	> 95 % SDS-PAGE. Chromatographically prepared from the euglobin fraction of pancreas, then twice crystallized.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Rat

Specifications

Our **Abpromise guarantee** covers the use of **ab94946** 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 Functional Studies
Form	Lyophilized
Additional notes	After reconstitution, aliquot and freeze remaining portion. 2.0 U/mg (One unit will hydrolyze 1 μ mole of Suc-Ala-Ala-Ala-pNA per minute at pH 8.8 and 37°C.) Assay: 5-10 μ g in 0.1M Tris pH 8.8 at 37°C containing 0.2mM Suc-(Al)3-pNA. This product was previously labelled as CELA1.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute with 0.05M Na Acetate 0.2M NaCl pH 5.0 to 1 mg/ml or desired concentration.

General Info

Function	Acts upon elastin.
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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"

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

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