

Product datasheet

Recombinant Human Elafin/ESI protein ab153768

Description

Product name	Recombinant Human Elafin/ESI protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by reducing SDS-PAGE. ab153768 is supplied as a 0.2 µm filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>P19957</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	AVTGVPVKGQDTVKGRVPFNGQDPVKGQVSVKGQDKV KAQEPVKGPVSTK PGSCPILIRCAMLNPPNRCLKDTCPGIKKCCEGSCGMA CFVPQ
Predicted molecular weight	10 kDa
Amino acids	23 to 117
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153768** 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	Liquid
Additional notes	Previously labelled as Elafin/Skalp.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50
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Constituents: 0.32% Tris HCl, 0.88% Sodium chloride

General Info

Function	Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis.
Sequence similarities	Contains 1 WAP domain.
Domain	Consists of two domains: the transglutaminase substrate domain (cementin moiety) and the elastase inhibitor domain. The transglutaminase substrate domain serves as an anchor to localize elafin covalently to specific sites on extracellular matrix proteins.
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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