

Product datasheet

Recombinant Human SERPINB1 protein ab114775

1 Image

Overview

Product name	Recombinant Human SERPINB1 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Accession	P30740
Species	Human
Sequence	KKKFAYGYIEDLKCRVLELPYQGEELSMVILLPDDIEDESTGLKKIEEQL TLEKLHEWTKPENLDFIEVNVSLPRFKLEESYTLNSDLARLGVQDLFNSS
Molecular weight	37 kDa including tags
Amino acids	201 to 300

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114775** in the following tested applications.

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

Applications	ELISA
	SDS-PAGE
	Western blot

Form	Liquid
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Additional notes	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.
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Preparation and Storage

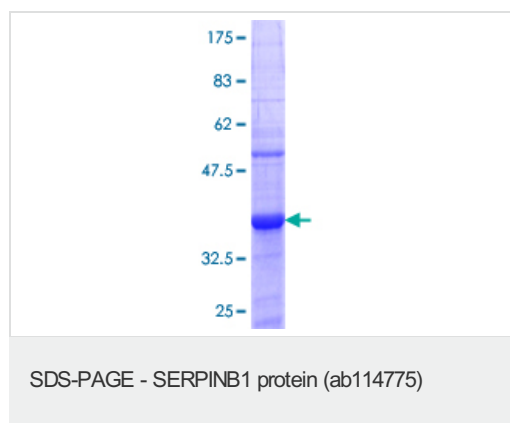
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Regulates the activity of the neutrophil proteases elastase, cathepsin G, proteinase-3, chymase, chymotrypsin, and kallikrein-3.
Sequence similarities	Belongs to the serpin family. Ov-serpin subfamily.
Domain	Reactive bond 1 is specific for reaction with chymotrypsin-like protease such as cathepsin G, chymotrypsin or chymase, while reactive bond 2 is specific for reaction with elastase-like protease such as neutrophyl elastase, proteinase-3, pancreatic elastase or PSA.
Cellular localization	Cytoplasm.

Images



ab114775 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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