



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# pancpin (h2): 293 Lysate: sc-158810

## BACKGROUND

Pancpin, also known as myoepithelium-derived serine protease inhibitor (MEPI), protease inhibitor 14 (PI14), ZG-46p or serpin peptidase inhibitor clade I member 2 (serpin I2), is a protein belonging to the serpin family of serine cysteine protease inhibitors. Members of this superfamily play important roles in angiogenesis, inflammation, blood coagulation and apoptosis. Pancpin is expressed in pancreas and adipose tissues and localizes to the Golgi and zymogen granules. The down regulation of pancpin may be involved in the progression or development of pancreatic cancer. Overexpression of pancpin plays a significant role in inhibiting tumor formation. A mutation in the gene encoding pancpin can result in progressive apoptosis of pancreatic acinar cells. This can lead to pancreatic insufficiency; a disease characterized by an inability to absorb and digest nutrients from the diet.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: SERPINI2 (human) mapping to 3q26.1.

## PRODUCT

pancpin (h2): 293 Lysate represents a lysate of human pancpin transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

## APPLICATIONS

pancpin (h2): 293 Lysate is suitable as a Western Blotting positive control for human reactive pancpin antibodies. Recommended use: 10-20 µl per lane.

Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

## STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.