



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Recombinant Humanized Type III Collagen (80-100kDa)

Cat. No.:	HY-NP132		
Target:	Biochemical Assay Reagents; Integrin		
Pathway:	Others; Cytoskeleton		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Recombinant Humanized Type III Collagen (80-100kDa)

### BIOLOGICAL ACTIVITY

#### Description

Recombinant Humanized Type III Collagen (80-100kDa) is a type III collagen (80-100kDa). Recombinant humanized type III collagen (rhCOLIII) has various biological functions, such as promoting skin extracellular matrix regeneration and improving the cell microenvironment. rhCOLIII inhibits the proliferation, migration, and invasion of breast cancer cells. Type III collagen functions in cell adhesion, migration, proliferation and differentiation through its interaction with integrins<sup>[1][2]</sup>.

### REFERENCES

[1]. Liu X, et al., Recombinant humanized collagen type III with high antitumor activity inhibits breast cancer cells autophagy, proliferation, and migration through DDR1. *Int J Biol Macromol.* 2023 Jul 15;243:125130.

[2]. Kuivaniemi H, et al. Type III collagen (COL3A1): Gene and protein structure, tissue distribution, and associated diseases. *Gene.* 2019 Jul 30;707:151-171.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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