

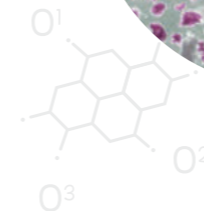
www.TDzyme.com

**connexT**  
Innovation for Regeneration

New Standard of  
Tissue Dissociation Enzyme

**TDZYME®**

Porcine islets isolated by TDzyme  
Image provided by OPTIPHARM



**connexT**  
Innovation for Regeneration

Recombinant tissue dissociation enzymes  
individually contained in a smart device

# TDZYME®

- Two types of collagenases (ColG/ColH) originating from *Clostridium histolyticum* and thermolysin derived from *Geobacillus stearothermophilus* are manufactured through recombinant DNA technology.
- Animal source free
- Chromatographically purified enzyme
- High lot-to-lot consistency
- Innovative packaging



**connEXT** is a spin-off company of Korea Institute of Industrial Technology (KITECH), a Korean government funded research institute, offering highly purified recombinant proteins in a smart device for tissue engineering, cell isolation and primary cell research field.



**TDzyme®** is produced in animal source free condition and with low endotoxin content. Each enzyme exhibits comparable activity to other commercially available collagenase.

**TDzyme®** is contained in a smart device enabling simultaneous dissolution and in-line sterile filtration of lyophilized enzyme, which provides easy handling and reduces any contamination risk. Additionally, with individual filling of each enzyme, end users can easily adapt to their research needs. Just plug in a syringe with luer lock fitting to resuspend, and aliquot **TDzyme®**.

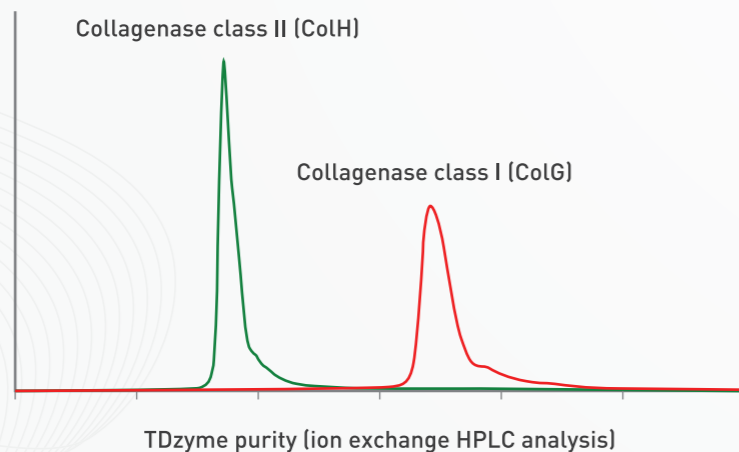
## End-User Friendly

Thermolysin is provided separately to fit each customer's need

## Innovative Packaging

Simultaneous dissolution and in-line sterile filtration of lyophilized enzyme

## Animal Source Free & Low Endotoxin



## Ordering information

Product name	Product No.	Contents
TDzyme® C Pack	TDP0010	TDzyme® C (5mg), 2ea
TDzyme® T Pack	TDP0006	TDzyme® T (3mg), 2ea
TDzyme® Starter Pack	TDP0008	TDzyme® C (5mg) + TDzyme® T (3mg), 1ea

- **TDzyme C (blue cap):** ColG/ColH mixture (including minimal amount of thermolysin)
- **TDzyme T (red cap):** thermolysin only

For further information, please contact CONNEXT.

[TDzyme.com](http://TDzyme.com)