

New Product

Missing some extra power? – Fine tune with Clostripain NB

Naturally expressed clostripain

Secreted by *C. histolyticum* with collagenase and neutral protease

APPROVED
Successfully tested
for islet isolation!

Gentle enzyme

Resulting in higher cell viability

Individual dosing

Boost your isolation with Clostripain NB

Clostripain is naturally expressed by *Clostridium histolyticum* alongside collagenase and neutral protease. These enzymes work together and are responsible for the **proteolytic action** of the bacterium to break up cell connections.

Now Nordmark provides all 3 enzymes for individual dosing. Enzymatic activities are **now tunable** for different cells and tissues to reach best isolation results with highest cell counts and excellent cell viability.

Highly purified Clostripain NB, in combination with Nordmark's other purified collagenases and neutral proteases will boost your cell isolation procedure!



 **Nordmark**
Biochemicals

New Product

Product Information

Enzyme	Clostripain NB	
Origin	<i>Clostridium histolyticum</i>	
Composition	Clostripain	
Molecular weight	59 kDa (43 kDa heavy chain, 16 kDa light chain)	
Special features	0.2 µm filtered, chromatographically highly purified lyophilisate	
Character	nearly colourless powder	
Protein content	Lowry assay	approx. 95 %
Activities	Clostripain, native state (BAEE)	≥ 5.0 U/mg
	Clostripain, activated (BAEE)	≥ 50.0 U/mg
	Clostripain activity, native state, per vial	≥ 200 U/vial
	Clostripain activity, activated, per vial	Status
Long term storage	-15 to -25 °C	

Ordering Information

Enzyme	Cat. No.	Pack Size
Clostripain NB	S2020501	≥ 200 U
Neutral Protease NB	S3030111	50 DMC U
	S3030112	100 DMC U
Neutral Protease NB GMP Grade	N0002936	≥ 100 DMC U
Neutral Protease AF GMP Grade	N0003553	≥ 100 DMC U
Collagenase NB 1 Premium Grade	S1745503	≥ 2000 PZ U
Collagenase NB 1 GMP Grade	N0002937	≥ 2000 PZ U
Collagenase AF-1 GMP Grade	N0003855	≥ 150 PZ U
	N0003554	≥ 2000 PZ U
Collagenase NB 8 Broad Range	S1745601	250 mg
	S1745602	1 g

For information and samples please contact the Nordmark Biochemicals Team

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Ordering

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