

Collagenase I, from Clostridium histolyticum

Cat. No.:	HY-00004
CAS No.:	9001-12-1
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Collagenase

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 50 mg/mL * "≥" means soluble, but saturation unknown.
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BIOLOGICAL ACTIVITY

Description	Collagenases are enzymes that break the peptide bonds in collagen. Collagenases are derived from the Clostridium histolyticum. Collagenases (Type I) are proteolytic enzymes that break peptide bonds in collagen and can be used for tissue digestion and dissociation.
In Vitro	Collagenase is believed to be important for cell migration and collagen remodeling during tissue repair and regeneration. Activated collagenase produced the characteristic 3/4 fragment of collagen ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Agren MS, et al. Collagenase in wound healing: effect of wound age and type. J Invest Dermatol. 1992 Dec;99(6):709-14.

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

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