

## Collagenase I, from Clostridium histolyticum

Cat. No.:	HY-00004		
CAS No.:	9001-12-1		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

# Collagenase

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> 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 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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