

# Product Datasheet

## Collagenase Type 2 Native Protein P5277

Unit Size: 50 mg

Store at 4C. Do not freeze.

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**P5277****Collagenase Type 2 Native Protein**

<b>Product Information</b>	
<b>Unit Size</b>	50 mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Primary cell isolation, culture and tissue dissociation: Reconstitute in balanced salt solutions at concentrations from 0.05% to 0.5% (w/v). Enzymatic assay: Reconstitute in 0.05 M TES buffer with 0.36 mM CaCl <sub>2</sub> , pH 7.5 (concentration of 1.0 mg/ml)
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Product Description</b>	
<b>Description</b>	<p>Collagenases are enzymes that break the peptide bonds in collagen, and is useful in structural and functional studies of collagen metabolism. Contains higher clostripain activity.</p> <p><b>Source:</b> Native protein purified from <i>Clostridium histolyticum</i></p>
<b>Species</b>	C. histolyticum
<b>Preparation Method</b>	Native protein purified from Clostridium histolyticum
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Bioactivity, Enzyme Activity
<b>Recommended Dilutions</b>	Bioactivity, Enzyme Activity



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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