

## Native Bovine Type II Collagen

Cat. No. Collagen-01B    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The product is supplied as a sterile solution at approximately 0.5 mg per vial at approximately ~0.50 mg/mL in 500 mM acetic acid. Type II collagen is provided in user-friendly packaging for use and storage. Type II collagen may be used to culture a variety of cell types. Type II collagen is typically used as a coating material for cell culture studies, for the formation of 3D collagen gels, or as an antigen for antibody production.
<b>Species</b>	Bovine
<b>Source</b>	Bovine Cartilage
<b>Description</b>	Bovine Collagen Type II is one of a family of proteins found particularly in the flesh and connective tissues of mammals (approximately one-third of the body's total protein). Over two dozen types of collagen have been described; Type II is found predominantly in hyaline cartilage (50% of the protein in hyaline is collagen type II) and is also found in the vitreous humor of the eye.
<b>Form</b>	Sterile solution
<b>Endotoxin</b>	<5.0 EU/mL
<b>Stability</b>	Minimum of 6 months from date of receipt
<b>Storage</b>	2-10°C

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<b>Storage Buffer</b>	500 mM acetic acid
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<b>Concentration</b>	0.5 mg/mL
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## GENE INFORMATION

<b>Official Symbol</b>	Collagen
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<b>Synonyms</b>	Collagen
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