

Native Mouse Collagen Type II

Cat. No. Collagen-58M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Triplehelical domain of mouse sternum collagen type II. Gnd-HCl extraction, pepsin digestion, saltprecipitation, ion exchange chromatography, gelfiltration.
Species	Mouse
Source	Mouse Sternum
Form	Salt-free, solid lyophilized from 500 mM acidic acid
Purity	>80%, shows barely some collagen type I in SDS and native polyacrylamide gel electrophoresis.
Storage	Freezer
Reconstitution	Should be solubilized slowly in 10 mM acidic acid (0.2% w/v) and adjusted to neutral pH by adding 2/5 vol. 2.5x Carbonat buffer (0.25 M NaHCO ₃ , 1.25 M NaCl, 0.1% NaN ₃). Avoid freeze and thaw cycles. Fibril-forming molecules with the molecular formular: $\alpha 1(\text{II})_3$.

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