

# Native Human tendon collagen type I

Cat. No. Collagen Type I-48H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Triplehelical domain of human tendon collagen type I. Gnd-HCl extraction, pepsin digestion, saltprecipitation, ion exchange chromatography, gelfiltration.
<b>Species</b>	Human
<b>Source</b>	Human Tendon
<b>Form</b>	white, salt-free, strong hygroscopic. Lyophilized (0.5M HAc)
<b>Purity</b>	SDS and native polyacrylamide gel electrophoresis
<b>Quality Control Test</b>	SDS and native polyacrylamide gel electrophoresis, collagenase digestion, Immunoblotting with anti-collagen, type I/II/III, rat (Rabbit)
<b>Storage</b>	Freezer
<b>Reconstitution</b>	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 <sub>3</sub> , 1.25 M NaCl, 0.1% NaN <sub>3</sub> ). Avoid freeze and thaw cycles. Fibril-forming molecules with the molecular formular: $\alpha 1(\text{II})_3$ .

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