

## Native Mouse Collagen protein

Cat. No. Collagen-46M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Mouse Collagen was purified from Mouse tail tendon.
<b>Species</b>	Mouse
<b>Source</b>	Mouse Tail Tendon
<b>Description</b>	Collagen played an important role in many functions.
<b>Form</b>	Lyophilized, salt-free
<b>Purity</b>	Murine collagens: type I – 90%, type III – 10%, other collagen types below 1%. Non-collagen proteins below 0.5%
<b>Applications</b>	Coating material for cell culture studies. May not be suitable for 3-D gel formation
<b>Storage</b>	Shipping at ambient temperature. Storage of lyophilized protein 2 years at -20 centigrade. Storage of reconstituted protein 1 month at +4 centigrade
<b>Reconstitution</b>	Use 0.5 M acetic acid, pH 2.5 at 4 centigrade. Collagen solubility 10 mg/ml. Dissolved collagen retains immunologic properties of native collagen. Structure of native collagen confirmed by ability to form microfibrils

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