

Collagen Powder

Quickly dissolving powder
for research use

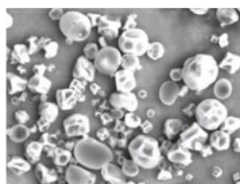


Nippi's patented technology enables the production of triple helical collagen powder made from purified collagen.

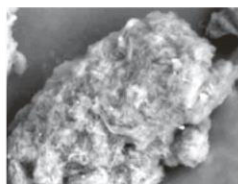
This collagen powder can be readily dissolved and maintains the native structure in a solution. This product is ideal for tissue engineering applications.

[Features]

- Excellent solubility due to an increased specific surface area



Spray-dried powder



This product

- Easy to handle with the large particle size between 200 to 1,000 μm
- Capable of preparing a solution with a preferable concentration and solvent
- Available in four types of collagen

Important note

- This product is for R&D use only and is not intended for human or other uses.

[Usage]

- 2D- and 3D-matrix formation for cell culture
- Preparing scaffolds such as sponges, films, sheets, etc
- Carrier for Drug Delivery System

[Preparation of collagen solution (10 mg/ml solution)]

1. Weigh out 0.1 gram of collagen powder.
2. Reconstitute 0.1 gram of collagen with 10 ml of cold purified water.
3. Stir the collagen solution.
4. Add acid solution, e.g., 1 M HCl, until there should be no visual solids in the viscous solution.
5. The collagen solution can be diluted with low concentration of acid solution, e.g., 10 mM HCl.
6. This product is not considered sterile. If necessary, please sterile it before use.

Collagen Powder

Product code	Product name	mg
ASC -1 -100-100PW	Type I collagen, Bovine skin, Acid soluble	100
ASC -1 -100-500PW	Type I collagen, Bovine skin, Acid soluble	500
PSC -1 -100-100PW	Type I collagen, Bovine skin, Pepsin-solubilized	100
PSC -1 -100-500PW	Type I collagen, Bovine skin, Pepsin-solubilized	500
PSC -1 -200-100PW	Type I collagen, Porcine skin, Pepsin-solubilized	100
PSC -1 -200-500PW	Type I collagen, Porcine skin, Pepsin-solubilized	500
PSC -S-200-100PW	Skin collagen, Porcine skin, Pepsin-solubilized	100
PSC -S-200-500PW	Skin collagen, Porcine skin, Pepsin-solubilized	500

Skin collagen contains type I and III collagen. The ratio of type I to type III collagen is approximately eight to two.

Reconstituted Collagen Fibril Sheet Disc (Porcine skin collagen)

Product code	Product name
892201	Skin collagen, Porcine skin, Pepsin-solubilized, ϕ 54 x 0.2mm, 1 sheet

Collagen Solution

Product code	Product name	ml
ASC-1-100-20	Type I collagen, Bovine skin, Acid soluble, 3 mg/ml	20
ASC-1-100-100	Type I collagen, Bovine skin, Acid soluble, 3 mg/ml	100
PSC-1-100-20	Type I collagen, Bovine skin, Pepsin-solubilized, 3 mg/ml	20
PSC-1-100-100	Type I collagen, Bovine skin, Pepsin-solubilized, 3 mg/ml	100
PSC-3-100-05	Type III collagen, Bovine skin, Pepsin-solubilized, 3 mg/ml	5
PSC-3-100-20	Type III collagen, Bovine skin, Pepsin-solubilized, 3 mg/ml	20
ASC-4-104-01	Type IV collagen, Bovine lens capsule, Acid soluble, 0.5 mg/ml	1
PSC-1-200-20	Type I collagen, Porcine skin, Pepsin-solubilized, 3 mg/ml	20
PSC-1-200-100	Type I collagen, Porcine skin, Pepsin-solubilized, 3 mg/ml	100
PSC-1-400-01	Type I collagen, Rat skin, Pepsin-solubilized, 3 mg/ml	1
PSC-1-300-10	Type I collagen, Chicken skin, Pepsin-solubilized, 3 mg/ml	10
PSC-1-500-20	Type I collagen, Tilapia skin, Pepsin-solubilized, 3 mg/ml	20