

PEPSIN DERIVED SOLUBLE BOVINE COLLAGEN

CT-3BC-MG, CT-6BC-MG



Introducing Soluble Bovine Collagen

Highly purified bovine corium pepsin solubilised collagen is a medical grade atelocollagen. Consisting of predominantly Type I collagen with approximately 5% Type III collagen. Samples are supplied in the following format:

- + 3mg/ml and 6mg/ml concentrations
- + 2 different pack sizes – 100ml and 1000ml
- + Sterile filtered solution in 0.01 N HCl pH2

At pH7 the collagen forms a gel, making it ideal to create 3D scaffolds for culturing or coating plates to increase cell adhesion.

Why choose Soluble Bovine Collagen for cell culture?

Soluble bovine collagen has been pepsin treated, but its physical properties remain virtually identical to those of natural, non-soluble collagen and has been shown to have some additional benefits in cell culture applications over the natural substance, such as:

- + **High Purity** – Pepsin treatment removes excess protein contaminants
- + **Liquid form** – Ideal to be engineered into 3D shapes including Films, Sponges and Microspheres, which support cell adhesion
- + **Lower reactivity** – Lower immune response than non-soluble collagen due to lack of telopeptides

Key Benefits

+ HIGHLY PURE SOLUBLE COLLAGEN
Pepsin treatment helps to remove excess protein contaminants.

+ FIBRILLOGENESIS, GEL TIME, VISCOSITY

Ideal to create 3D scaffolds for culturing or coating plates to increase cell adhesion.

+ VARIETY OF CONCENTRATIONS AVAILABLE

3mg/ml and 6mg/ml concentration.

+ TRACEABILITY

Raw materials are sourced from countries known to be free from bovine spongiform encephalopathy (BSE), EDQM Certified.

+ SUITABLE FOR GMP CELL CULTURE

Manufactured in UK facility certified.

- ISO 13485
- ISO 22442
- Class, B and C Clean rooms (Grade A dispensing)
- For non-therapeutic use

+ VIRAL INACTIVATION VALIDATION

Study can be carried out for regulatory submission.

+ BULK, SECURE COLLAGEN SUPPLY

Supply agreement in place with trusted partner.

ORDERING DETAILS – USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description
Bovine Collagen	CT-3BC-MG	3mg/ml, Medical Grade, Pepsin derived soluble bovine collagen
Bovine Collagen	CT-6BC-MG	6mg/ml, Medical Grade, Pepsin derived soluble bovine collagen

Order a sample today celladvance@bbisolutions.com Int: +44 (0) 2920 767 470