

## Specification Sheet

# Coll 1 Lyophilizate

<b>Product description</b>	Collagen type I is one of the most abundant proteins in the human body, which makes it a great biomaterial for 3D cell culturing. Coll 1 Lyophilizate can be dissolved in the Reconstitution Agent A (or in an alternative acidic solution) to reach your target concentration. For step-by-step instructions, follow the <i>Reconstitution Protocol Coll 1 Lyophilizate</i> and <i>Neutralization and Printing Protocol Coll 1 Solution</i> . Once neutralized, the material self-assembles if heated. Therefore, it should be used with a cooled printhead and heated print bed.
<b>Intended use</b>	Biocompatible material for 3D cell culturing, <b>Research Grade</b> . For research use ONLY. Not intended for <i>in vitro</i> diagnostics and <i>in vivo</i> uses. Not intended for administration in humans or animals.
<b>Product number</b>	VL5000000010
<b>Shelf life</b>	Minimum 4 months, expiration date stated on package.
<b>Storage and handling</b>	Store at -20 to 4°C. Avoid temperature fluctuations.
<b>Safety</b>	Handle in accordance with good hygiene and laboratory safety practices. Read <i>Safety Data Sheet (SDS) Coll 1</i> for more information regarding ingredients and potential hazardous compounds.
<b>Related documents</b>	Reconstitution Protocol and Safety Data Sheet can be downloaded from our website at <a href="https://www.cellink.com/global/product/coll-1-lyophilizate/">https://www.cellink.com/global/product/coll-1-lyophilizate/</a> . Scan the QR code below to reach it.



Property	Specification	Method
<i>Appearance</i>	White lyophilizate	Visual inspection.
<i>Sterility</i>	Sterile	Tested for the presence of bacteria, fungi, and yeast.
<i>pH</i>	3-4	10 mg/mL in Reconstitution Agent A. Measured with pH paper or pH meter.