



# Organoid Growth Kit 1C (ATCC ACS-7102)

**PLEASE READ THIS ENTIRE DOCUMENT BEFORE USING THIS PRODUCT**

## PRODUCT DESCRIPTION

ATCC Organoid Growth Kits are packages of recombinant proteins, small molecules, growth factors, and other supplements designed to make preparing complex media formulations easy and reliable. Kit components are supplied as powders to maximize stability and in convenient, pre-portioned, ready-to-reconstitute format that does not require aliquoting or storage once prepared.

### ATCC ACS-7102 Organoid Growth Kit 1C Contents

Item	Quantity	Catalog #	Storage	Expiration
Noggin	1 vial	ACS-7201	-20°C or below	Refer to Certificate of Analysis
Nicotinamide	1 vial	ACS-7214	-20°C or below	Refer to Certificate of Analysis
N-Acetyl-Cysteine	1 vial	ACS-7215	-20°C or below	Refer to Certificate of Analysis
FGF-10	1 vial	ACS-7205	-20°C or below	Refer to Certificate of Analysis
FGF-7	1 vial	ACS-7207	-20°C or below	Refer to Certificate of Analysis
A 83-01	1 vial	ACS-7210	-20°C or below	Refer to Certificate of Analysis
SB 202190	1 vial	ACS-7212	-20°C or below	Refer to Certificate of Analysis
Kit label	1 sticker	ACS-7102	Ambient	N/A

## STORAGE AND HANDLING

On receipt store the kit at -20°C or below in a non-frost-free freezer. Immediately prior to use, centrifuge individual components briefly to ensure the material is at the bottom of the vial. Reconstitute within a biological safety cabinet using aseptic technique. After adding buffer, incubate for 15 minutes at room temperature. Mix by repeated pipetting. If the N-Acetyl Cysteine is difficult to dissolve, periodic vortexing and incubation in a 37°C water bath for 10-15 minutes can help the material enter solution. Once reconstituted, components should be used immediately. Do not store unused reconstituted components. Refer to the Certificate of Analysis for lot-specific information on the ATCC website.

## PREPARATION

Refer to formulation specific documentation for instructions on how to prepare media using this kit. This kit is designed to supplement 250 mL of complete media, but in some applications optimization of the final volume may be required. Not all components may be required in some formulations.

### *Warranty and Disclaimer*

*ATCC® products are warranted for 30 days from the date of shipment, and is valid only if the product is stored and used according to the information included on this product information sheet. This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. ATCC does not warrant that such information has been confirmed to be accurate. This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product.*