

# Datasheet: BUF050A

**BATCH NUMBER 153530**

<b>Description:</b>	TC-PROTECTOR CELL FREEZING MEDIUM
<b>Name:</b>	CELL FREEZING MEDIUM
<b>Format:</b>	Ready To Use
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	100 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Tissue Culture	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Product Form</b>	Cell freezing media - liquid
---------------------	------------------------------

<b>Preparation</b>	Chemically defined cryo-preservation medium. Does not contain FBS (foetal bovine serum) or BSA (bovine serum albumin).
--------------------	--

<b>Product Information</b>	<b>TC-Protector cell freezing medium</b> is a ready-to-use optimised cryo-preservation medium which allows for the direct freezing of an expansive range of mammalian cell lines at -80°C.
----------------------------	--

TC-Protector cell freezing medium provides a no-mess solution for the protection of cells during frozen storage, and reliably gives a high cell viability and durability rate on thawing.

<b>Instructions For Use</b>	<ol style="list-style-type: none"> <li>1. Centrifuge cells pre-suspended in complete growth medium at 1,000-1,500rpm for 60 seconds.</li> <li>2. Remove supernatant and resuspend cells in TC-Protector at a concentration of <math>5 \times 10^6</math> to <math>1 \times 10^7</math> cells/mL.</li> <li>3. Transfer this cell suspension to cryogenic storage vial.</li> </ol>
-----------------------------	--

4. Freeze vial at -80°C (liquid nitrogen should be used for long-term storage).

---

<b>References</b>	1. Takebe, T. <i>et al.</i> (2014) Transient vascularization of transplanted human adult-derived progenitors promotes self-organizing cartilage. <a href="#">J Clin Invest. 124 (10): 4325-34.</a>
-------------------	--

---

<b>Storage</b>	Store unused product at +4°C.
----------------	-------------------------------

---

<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
------------------	--

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10150 available at: <a href="https://www.bio-rad-antibodies.com/SDS/BUF050A">https://www.bio-rad-antibodies.com/SDS/BUF050A</a> 10150
--------------------------------------	--

This product contains 10% dimethyl sulfoxide (DMSO): a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M350304:190307'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)