

## Datasheet: BUF050A

<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.

### Product Form

Cell freezing media - liquid

### Preparation

Chemically defined cryo-preservation medium. Does not contain FBS (foetal bovine serum) or BSA (bovine serum albumin).

### Product Information

**TC-Protector cell freezing medium** 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.

### Instructions For Use

1. Centrifuge cells pre-suspended in complete growth medium at 1,000-1,500rpm for 60 seconds.
2. Remove supernatant and resuspend cells in TC-Protector at a concentration of  $5 \times 10^6$  to  $1 \times 10^7$  cells/mL.
3. Transfer this cell suspension to cryogenic storage vial.
4. Freeze vial at -80°C (liquid nitrogen should be used for long-term storage).

### References

1. Takebe, T. *et al.* (2014) Transient vascularization of transplanted human adult-derived progenitors promotes self-organizing cartilage. [J Clin Invest. 124 \(10\): 4325-34.](https://doi.org/10.1038/432534a)

### Storage

Store unused product at +4°C.

### Shelf Life

Please see label for expiry date.

**Health And Safety  
Information**

Material Safety Datasheet documentation #10150 available at:  
10150: <https://www.bio-rad-antibodies.com/uploads/MSDS/10150.pdf>

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

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**Regulatory**

For research purposes only

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