

# mFreSR™



**Defined, serum-free cryopreservation medium for human ES and iPS cells**

Catalog # 05854      10 x 5 mL Tubes  
05855      50 mL

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## Product Description

mFreSR™ is a defined, serum-free cryopreservation medium designed for the cryopreservation of human embryonic stem (ES) cells and induced pluripotent stem (iPS) cells cultured in mTeSR™1 (Catalog #85850). Cryopreserved human ES and iPS cells should be stored at -150°C or in the vapor phase of liquid nitrogen. mFreSR™ contains dimethyl sulfoxide (DMSO) and is complete and ready-to-use.

- Easy to use
- Defined and serum-free formulation, optimized for use with TeSR™ maintenance media
- High thawing efficiencies
- Pre-screened components to ensure batch-to-batch consistency

## Properties

**Storage:** Store at -20°C.

**Shelf Life:** Stable for 12 months from date of manufacture (MFG) on label.

Please refer to the Safety Data Sheet (SDS) for hazard information. This product contains components dissolved in dimethyl sulfoxide (DMSO). DMSO is a strong solvent and skin penetrant, and can transport many substances through the skin. DMSO can also penetrate some protective glove materials including latex and silicone. Extra caution should be utilized when handling this product.

## Handling / Directions For Use

For 5 mL tubes (Catalog #05854), thaw and use on same day. Do not re-freeze.

For 50 mL bottle (Catalog #05855), thaw, aliquot, and store at -20°C. Thaw aliquots and use on same day. Do not re-freeze aliquots.

For complete instructions on how to cryopreserve ES and iPS cells using mFreSR™, refer to the Technical Manual: Maintenance of Human Pluripotent Stem Cells in mTeSR™1 (Document #28315), available at [www.stemcell.com](http://www.stemcell.com) or contact us to request a copy.

## Notes and Tips

### RELATED PRODUCTS

For related products, including specialized cell culture and storage media, matrices, antibodies, cytokines, and small molecules, visit [www.stemcell.com/hPSCworkflow](http://www.stemcell.com/hPSCworkflow) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

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