

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), TeSR™2 (Catalog #05860), or mTeSR™ Plus (Catalog #05825). Cryopreserved human ES and iPS cells should be stored at -135°C (liquid nitrogen) or colder. 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

1. Thaw mFreSR™ as follows:

Thaw 50 mL bottle (Catalog #05855) at 2 - 8°C or on ice at room temperature (15 - 25°C).

NOTE: If not used immediately, aliquot and store at -20°C. After thawing aliquots, use immediately. Do not re-freeze.

OR

Thaw 5 mL tube (Catalog #05854) at 2 - 8°C or on ice at room temperature (15 - 25°C).

2. Once thawed, use mFreSR™ on the same day. Ensure product is cold (2 - 8°C) before use.

NOTE: Do not re-freeze.

For complete instructions on cryopreserving ES and iPS cells using mFreSR™, refer to the Technical Manual: Maintenance of Human Pluripotent Stem Cells in mTeSR™1 (Document #28315) or mTeSR™ Plus (Document #DX23032), available at 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 or contact us at techsupport@stemcell.com.

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