

Product Information : StemFit™ Basic05

1. Materials Provided

Product Name	StemFit™ Basic05
Product Number	SF070-001
Volume	500 ml
Storage	Store at -20°C



Note: This product does not contain basic fibroblast growth factor (bFGF)

2. Product Description

StemFit™ Basic05 is an animal origin-free (AOF), defined medium for scalable human pluripotent stem cell (hPSC) culture. Compatible with both 2D adherent and 3D suspension culture, StemFit™ Basic05 enables a streamlined workflow from cell expansion to process scale-up using a single medium. It supports the transition from research to clinical manufacturing while reducing process complexity and development burden.

3. Media Preparation

StemFit™ Basic05 is provided as a frozen medium and can be stored at -20 °C until use. Use sterile techniques when using this medium.

- Before use, thaw the frozen StemFit™ Basic05 at room temperature (15-25 °C) or at 2-8 °C overnight. Mix thoroughly. If precipitations are observed, keep the bottle at room temperature and dissolve them.

CAUTION : Do not thaw StemFit™ Basic05 at 37 °C, as it accelerates the degradation of the medium.

- Upon thawing, StemFit™ Basic05 may be aseptically aliquoted and stored at -20 °C. Thawed StemFit™ Basic05 may be stored at 2-8 °C for up to **two weeks**.
- This product **does not contain bFGF** or a bFGF alternative peptide. We recommend to add PG-011 (10-30 ng/mL final concentration) before use.
- We recommend storing the medium protected from light.
- Before use, equilibrate the medium to room temperature and use promptly.

1  bFGF not contained	StemFit™ Basic05 does not contain basic fibroblast growth factor (bFGF)	2  × 37 °C	Do not thaw StemFit™ Basic05 at 37 °C, as it accelerates the degradation of medium ingredients.
3  × Light	We recommend storing the medium protected from light.	4  2weeks	Thawed StemFit™ Basic05 medium may be stored at 2-8 °C for up to two weeks.

4. Precaution and Disclaimer

StemFit™ Basic05 is for research use only and is not intended for Human or Animal diagnostic or therapeutic uses.

5. Contact

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