

Tips for Using BSSub™-XF

BSSub™-XF Storage

HELIOS® Bioscience Brand, AventaCell Product, BSSub™-XF is most stable when stored frozen until needed.

The recommended storage temperature is -20°C (or -80°C).

Please thaw frozen BSSub™-XF product in a 37 °C water bath before use. Once BSSub™-XF product is thawed, it is recommended to use for completed medium preparation (e.g. 5%) the same day, or to divide it into single-use aliquots and store unused aliquots at -20 °C (or -80 °C).

Precipitation in Cell Culture

Clotting or insoluble particles may form in thawed BSSub™-XF, it is recommended to centrifuge at 3,400 ×g for 3 ~ 5 minutes or to filter the liquid concentrate with a sterile 40 µm Cell Strainer to remove insoluble particles.

Filtering the completed medium, after BSSub™-XF is diluted in the basal medium, will not affect BSSub™-XF supplemented cell culture performance. However, 0.22 µm filtering is **NOT** recommended for the 100% BSSub™-XF concentrate, as this may reduce the cell culture performance.

Repeated freeze-thaw cycles should be avoided as they will cause an increase in insoluble particles and potential decrease in BSSub™-XF performance.