

Human fetal fibroblast (HFF) Mitomycin-C treated, Xeno-Free/FBS-Free, Research grade

Cell Source	Human fetal dermal fibroblast
Treatment	Mitomycin-C treated
Cryopreservation Medium	10% DMSO/FBS-free medium
Growth Medium	FBS-free medium
Storage	Vapor phase of liquid nitrogen
Shipping	Dry ice

Intended Use:

Mitotically inactivated fibroblast is used as a support layer for cell culture. These cells should be plated 24 hours prior to use and cultured up to 7 days.

Caution:

These cells are only for research use only and not intended for human or animal diagnostic or therapeutic use.

Procedures:

1. Put 9 mL of growth medium in a centrifugation tube.
2. Place the frozen vial into 37°C water bath immediately and it takes about 2 minutes to thaw completely.
3. Transfer the contents of the vial to the centrifugation tube to make a 1:10 dilution with growth medium.
4. Centrifuge the tube at RT (20~25)°C, 230g for 7 minutes to pellet the cells.
5. Resuspend the pellet in growth medium and seed the cells in tissue culture dish at appropriate density*.
6. Place the tissue culture dish with feeder cells in cell culture incubator (37°C, 5%CO₂) for 24 hours.
7. The feeder cells are now ready to use.

*The suitable seeding density should be determined by users.

Plating density:

Type of Vessel	CBI010220	CBI010240
	1.5-2M x 10 ⁶ cell/vial Number of Plate	3.5-4M x 10 ⁶ cell/vial Number of Plate
6-well plates	1-2	2-3
12-well plates	1-2	3-4
10 cm dish	1-2	2-3
T75 flask	1	2

*Suggesting density: 2 – 3 x 10⁴ cells/cm²