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Product Information Sheet – Irradiated Feeder Cells

Description: Each vial of cells contains approximately 1.75×10^6 mouse embryonic fibroblasts that have been mitotically inactivated by gamma irradiation, stored frozen in 1mL cryopreservation solution (60% DMEM, 20% FBS, 20% DMSO).

Storage: For short term storage (1-2 weeks), -80°C is suitable. For long term storage, store in liquid nitrogen. Long term storage at -80°C may result in a loss of viability.

Recovering your cells from Cryopreservation: Place the frozen vial of cells in a 37°C water bath until contents are just thawed (2-3 minutes). Sanitize the vial by spraying with 70% ethanol, and quickly transfer the contents of the vial to a tube containing 3mL pre-warmed feeder media (DMEM + 10% FBS, 1x PenStrep), and centrifuge at 300g for 3 minutes. Aspirate the media, taking care not to disturb the cell pellet which, and resuspend the pellet in feeder media.

Plating Recommendation: Feeders should be plated to gelatinized tissue culture plates and allowed to attach in a 37°C , 5% CO_2 incubator. Each vial of feeders should be sufficient to cover 1 100mm tissue culture plates (55cm^2 total), though optimal feeder densities may vary depending on application. Feeders should attach to the tissue culture surface within 1 hour. For best results, plate feeders 24 hours before seeding ES or iPS cells. Seed ES or iPS cells onto feeders within 2-3 days of plating feeders.

Price: \$10 per vial.