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Product Information Sheet – Tail Tip Fibroblasts

Description: Each vial of cells contains approximately 0.5×10^6 P2 tail tip fibroblasts, stored frozen in 1mL cryopreservation solution (60% DMEM, 20% FBS, 20% DMSO). The tail tip fibroblasts were allowed to migrate from adult mouse tail that was skinned and minced before plating on a tissue culture plate..

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 MEF 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: Tail tip fibroblasts should be plated to gelatinized tissue culture plates and allowed to attach in a 37°C , 5% CO_2 incubator. Each vial of tail tip fibroblasts should reach confluence within 48 hours of being plated to a 60mm tissue culture dish. Confluent plates of tail tip fibroblasts should be split 1:3 every 2-3 days..

Price: \$125 per vial.