



THE TECHNOLOGY

Immortalized Mouse Cardiac Endothelial Cell (MCEC) Line was prepared by transfecting mouse cardiac endothelial cells with lentiviral vectors carrying SV40 T antigen and human telomerase genes. MCEC line grows indefinitely while maintaining stable, normal endothelial characteristics, and is easily transfectable with high efficiency.

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THE PRODUCT

Immortalized Mouse Cardiac Endothelial Cell (MCEC) Line

Immortalized Mouse Cardiac Endothelial Cell (MCEC) Line provides an excellent *in vitro* model for evaluation of the effects of specific genetic additions or deletions on endothelial physiology, because these cells can be easily and stably transfected with different genes of interest. It can also be used for drug development to study the responses of endothelial cell monolayers to different stresses and stimuli.