Differentiation Protocol

Cat. T0781

Immortalized Human Neuronal Progenitor Cells (Neu41)

Culture conditions recommended for the differentiation of Immortalized Human Neuronal Progenitor Cells (Neu41) to neurons:

Differentiation medium: PriGrow IV (TM004) + 5% FBS + 10 ng/ml Recombinant Human FGF2 (Z101455) + 100 µM dibutyryl cAMP + 1% Penicillin/Streptomycin Solution (G255), 37.0°C, 5% CO_2.

PriCoat™ ECM T25 Flasks (G999) or Applied Cell Extracellular Matrix (G422) coated culture vessels are required for cell differentiation. Seed Neu41 cells at a density of 10,000 cells/cm^2 in the differentiation medium, specified above. Cells should be left in the differentiation medium for at least one week before testing for neuron specific markers.

This protocol has been shared by the depositing institution. **abm does not warrant the accuracy of such information; all protocols must be experimentally tested by the end-user.**

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