

PC12 Cell Line

CH3 Catalog # 910001 Unit Size: Flask or Vial

Re-sale or other commercial use of CH3 PC12 Cell Lines requires the execution of a Licensing Agreement, Materials Transfer Agreement, or other codified accord between CH3 BioSystems LLC and the commercial, for profit organization.

PRODUCT OVERVIEW

Rat pheochromocytoma clonal cell line. The original parental line isolated in 1976 by Greene and Tischler (<http://www.ncbi.nlm.nih.gov/pubmed/1065897>). Neuronal differentiation induced by nerve growth factor.

PURIFICATION

NA

FORMULATION

10 to 20 x 10⁶ cells in flask containing recommended culture medium or frozen cell pellet in cryoprotectant.

RECOMMENDED USAGE

Cell culture. Use RPMI 1640 medium; 10% Horse Serum; 5% Fetal Bovine Serum. For neuronal differentiation, use 1% Horse Serum + 50 ng/ml nerve growth factor.

TESTING

Proliferation (4 day doubling time) and differentiation tested on a substrate of rat-tail collagen.

STORAGE

Place in culture immediately upon arrival; 35-37° humidified CO₂ incubator. Use 5% CO₂.

*All products are for Research Use Only and not for in vitro diagnostic use
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