

## PC12 Variant Cell Line (PC12C41)

**CH3 Catalog # 910002 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. A variant derived from the original PC12 cell line. Exhibits enhanced nerve growth factor-induced neurite outgrowth. (<http://jcs.biologists.org/cgi/reprint/106/2/611>).

### PURIFICATION

NA

### FORMULATION

10 to 20 x 10<sup>6</sup> 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 CO<sub>2</sub> incubator. Use 5% CO<sub>2</sub>.

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