

**Description**  
**Cat. No.:**  
 CLTH/iNS cells  
 CL 05002-CLTH

## APPLICATIONS

Drug discovery - Toxicity screening - Differentiation and fate choice -  
 Tissue and organ development - Epigenetic profiling - Disease modelling -  
 Tissue engineering - Cell and gene therapy - Transplantation experiments

## GENERAL INFORMATION

**Human** **iNS** **cells**  
 Immunofluorescence studies indicate expression of NSC markers: Sox2 and Nestin. Under appropriate conditions (culture in medium with EGF and bFGF) iNS cells remain in undifferentiated state, whereas withdrawal of growth factors causes spontaneous differentiation to neurons and glial.

## SPECIFICATIONS

### General Specifications

**Form:**

*Cryopreserved*

**Format:**

*Vial(s)*

**Species:**

*Human*

**Quantity:**

*1 vial*

**Cell Type:**

*Human Induced neural stem cells*

**Culture Type:**

*Adherent Cell Culture*

**Donor Source:**

*Single Donor*

**Product Size:**

*1 mL*

**Number of Cells:**

*1x10<sup>6</sup>*

**Tests Performed:**

*Sterility Testing (Bacteria & Fungi)*

**Donor Attributes:** *Normal*

**Regulatory Statement:**

*For Research Use Only. Not for use in diagnostic procedures.*

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