

# HT22 | 305158

**Description**

HT22 is a cell line derived from HT4 cells. It is a highly proliferative, adherent cell line that is widely used in research. HT22 cells are known for their ability to differentiate into various cell types, including neurons and glial cells. This cell line is particularly useful for studying neurodegenerative diseases and for testing potential therapeutic interventions. HT22 cells are typically maintained in a serum-containing medium and are known for their high transfection efficiency.

**Organism**   **Tissue**

**Synonyms**   HT-22

**Morphology**  

**Growth properties**  

**Citation**   HT22 (305158)

**Biosafety level**   1

**NCBI\_TaxID**   10090

**CellosaurusAccession**   CVCL\_0321

**GMO Status**   GMO-S1: (HT22)

**Culture Medium**   DMEM 4.5 g/l, 4 mM, 3.7 g/l NaHCO3 1.0 mM (82)

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**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** PBS

**Freeze medium** 50% + 40% + 10% DMSO CM-1

- Thawing and Culturing Cells**
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.

**Incubation Atmosphere** 37

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

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**Storage Conditions**

Store at -150 °C to -196 °C. Do not freeze. Do not thaw. Do not use after the expiration date.

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**Sterility**

Not sterile. For PCR applications, use after the expiration date.

Do not use after the expiration date.