

Designations: HT-22**Organism:** Mus musculus (mouse)**Tissue:** hippocampal**Disease:** normal**Cell Type:** neuronal**Growth:** adherent

Propagation: The base medium for this cell line is formulated Dulbecco's Modified Eagle's Medium, To make the complete growth medium, add the following components to the base medium: 4.5g/L glucose, fetal bovine serum to a final concentration of 10%

Atmosphere: air, 95%; carbon dioxide(CO₂), 5%**Temperature:** 37 °C**Subcultivation:**

1. Remove and discard culture medium.
2. Briefly rinse the cell layer with 0.25% (w/v) Trysin-0.53 mM EDTA solution to remove all traces of serum which contains trypsin inhibitor.
3. Add 2.0 to 3.0 ml of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually with 5minutes).

Note: To avoid clumping do not agitate the cells by hitting or shaking the flask while waiting for the cells to detach. Cells that are difficult to detach may be placed at 37 °C to facilitate dispersal.

4. Add 6.0 to 8.0 ml of complete growth medium and aspirate cells by gently pipetting.

Subcultivation Ratio: 1:2 to 1:4 is recommended**Medium renewal:** 2 to 3 times per week**Freeze medium:** culture medium, 95%; DMSO, 5%**Storage:** Liquid Nitrogen

复苏细胞注意事项：

1. 收到细胞后当天换液，全部更换成客户自己的新鲜培养基，放进培养箱，第二天再消化。
2. 边观察边消化，根据细胞的形态，终止消化时间，采取以半分钟间隔吹打细胞边缘，如可吹打下来，即终止消化。客户摸索最佳消化时间。
3. 随细胞有一份细胞操作说明书，请客户仔细查看。
4. 请添加 1%双抗，降低细胞被污染的概率。另外尽早逐批冻存留种，以备后用。
5. 售后时间为一周，仅限于细胞本身的质量问题，而因乙方自己不当操作（不规范操作，消化过度，不加双抗导致的污染等）导致的细胞问题不在售后范畴。
6. 收到细胞后，如细胞状态不佳，或培养中遇到问题，请当天尽快联系，以便处理。当天及时反馈细胞情况和细胞照片是售后跟踪处理重要的参考依据，请您务必重视。
7. 刚收到细胞时，胎牛血清可以用 15%培养两三天，利于细胞尽快恢复状态，细胞状态稳定后，再调回 10%即可。