

# NCI-H358

**Catalog No: tcel400**



## Available Sizes

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**Size:** 1×10<sup>6</sup>cells/t25culturebottle

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## Specifications

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### Application:

This line was derived by A.F.Gazdar, H.K.Oie, J.D.Minna and associates in 1981 from tumor tissue obtained from a patient prior to initiation of chemotherapy. Ultrastructural studies demonstrated the presence of cytoplasmic structures characteristic of Clara cells.

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### Subculturing:

Remove and discard culture medium. Briefly rinse the cell layer with DPBS solution to remove all traces of serum that contains trypsin inhibitor. Add 1.0 to 2.0 mL of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 2 to 3 minutes). Cells that are difficult to detach may be placed at 37°C to facilitate dispersal. Add 4.0 to 6.0 mL of complete growth medium and aspirate cells by gently pipetting. Add appropriate aliquots of the cell suspension to new culture vessels.

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## Product Description

Ultrastructural studies demonstrated the presence of cytoplasmic structures characteristic of Clara cells. The cells expressed protein and RNA of SP-A, the major lung surfactant associated protein. SP-B and SP-C RNA was not expressed. They have a reported colony forming efficiency of 0.83% in soft agarose.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!