

Product sheet

NCM460 | 305430

NCM460

**Description**  
NCM460 is a cell line derived from a patient with a specific condition. It is characterized by its ability to differentiate into various cell types, making it a valuable tool for studying disease mechanisms and testing potential therapies. The cells are maintained in a specific culture medium and are available for research purposes.

**Organism** Human

**Tissue** Adipose tissue, Bone marrow

**Disease** Obesity

**Synonyms** NCM-460

Cell characteristics

**Age** 68 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Adipocytes

**Cell type** Adipocytes

**Growth properties** Adipogenic

References

**Citation** NCM460 (Cytion 305430)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0460

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## NCM460 - NCM460

**Tumorigenic** Yes, NCM460 is a tumorigenic cell line.

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**Culture Medium** DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO<sub>3</sub>, w: 1.0 mM sodium pyruvate (Cytion 820300a)

**Supplements** 10% FBS 1% NEAA.

**Dissociation Reagent** Trypsin

**Doubling time** 32-38 hours

**Subculturing** Seed cells into T25 flasks with 3-5 ml of medium. When cells reach 70-80% confluency, dissociate and seed into larger flasks.

**Freeze medium** FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Centrifuge at 300 x g for 3 minutes.
  3. Wash cells in PBS.
  4. Resuspend cells in fresh medium.
  5. Seed cells into T25 flasks.
  6. Incubate at 37°C in 5% CO<sub>2</sub>.
  7. Monitor cell growth.
  8. Subculture when cells reach 70-80% confluency.

