



Human Ovarian Microvascular Endothelial Cells (HOMECS)

Catalog #: HEC14

Cell #: > 90% confluent at ($>5 \times 10^5$ cells) in T25 flask

Storage: 37°C CO₂ incubator

Product Format: Proliferating culture

General Information

HOMECS were initiated by elutriation from dissociated normal human ovarian tissue. Passage 3 cells are ship in proliferating culture with a confluency of >90 %. [ENDO-Growth medium containing 5% serum and growth](#) supplements are recommended for culture. Cells have an average additional population doubling levels >16 when cultured.

Characterization of the cells

- Cytoplasmic VWF / Factor VIII: >95% positive by immunofluorescence
- Cytoplasmic uptake of Di-I-Ac-LDL: >95% positive by immunofluorescence
- Cytoplasmic PECAM1: >95% positive by immunofluorescence

HOMECS are negative for HIV-1, HBV, HCV, and mycoplasma.

Shipping

Proliferating culture in T25 flask.

Handling of Arriving Cells

When you receive the cells, leave the flask in 37°C CO₂ incubator for 1 hour first, and then replace the transport medium with fresh Full medium. Let the cells grow for 24 hours before subculture.

Note: Handling human derived products is potentially biohazardous. Although each cell strain tests negative for HIV, HBV and HCV DNA, diagnostic tests are not necessarily 100% accurate, therefore, proper precautions must be taken to avoid inadvertent exposure. Always wear gloves and safety glasses when working these materials. Never mouth pipette. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.

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www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics.com