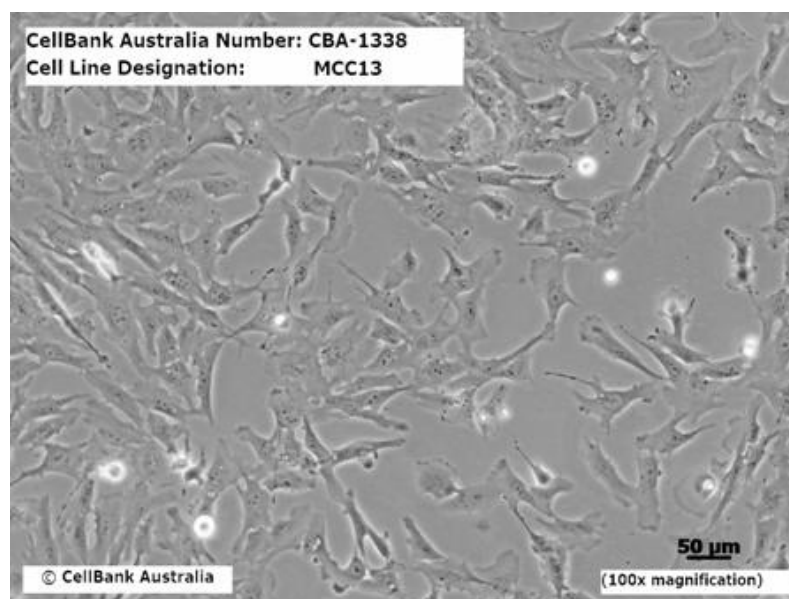


Cell Line Designation MCC13
CellBank Catalogue No. CBA-1338
Lot Number 13380610G
Total Cell Number 3.1×10^6 cells
Expected Cell Viability 89%

Brief Description Merkel cell carcinoma cell line
Organism Human (*Homo Sapiens*)
Strain
Tissue Skin
Growth Properties Adherent
Morphology Large, low contrast cells

Image



Growth Medium RPMI 1640 (with 2mM L-Glutamine+25mM HEPES) + 15% FCS
Subcultivation Ratio Optimal split ratio 1:8 (seeding density 0.8×10^4 cells/cm²).
 Harvest the cells using 0.05% Trypsin/EDTA at 37°C for 5 min.
 PC-2
Biosafety Level This cell line is sent with the condition that you are responsible for its safe storage, handling and use. CellBank Australia is not liable for damages or injuries resulting from receipt and/or use of a CellBank culture.
Use Restrictions These cells are distributed for research purposes only - refer to the Material Transfer Agreement (MTA).

Safety Precaution

CellBank Australia highly recommends that protective gloves and clothing always be used and a full-face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

**Handling Procedure for
Frozen Cells**

To insure the highest level of viability, thaw the vial and initiate the culture as soon as possible upon receipt. Remove protective cryoflex layer prior to thaw. If upon arrival, continued storage of the frozen culture is necessary, it should be stored in liquid nitrogen vapour phase and not at -80°C. Storage at -80°C will result in loss of viability.

**Establishing and
Maintaining your Culture
Cryoprotectant Medium
Additional Information**

Cells incubated at 37°C with 5% CO₂.
Refer to Technical & Customer Service Information pamphlet.
10% DMSO + 90% FCS

Depositor

Helen Leonard – Queensland Institute of Medical Research, Australia.

References

Leonard, J.H., Dash, P., Holland, P., Kearsley, J.H. and Bell, J.R. Characterization of Merkel cell carcinoma adherent cell lines. Int. J Cancer, 60: 100-107, 1995.

CellBank Warranty

While CellBank Australia uses reasonable efforts to include accurate and up-to date information on this product sheet, CellBank Australia makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. CellBank Australia does not warrant that such information has been confirmed to be accurate.

Disclaimers

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Please refer to the MTA for further details regarding the use of this product. The MTA is also available on our Web site at www.cellbankaustralia.com