

General Information

- **Cell line:** IM-LUN-087-PDX-INV-001
- **Organism:** Human (*Homo sapiens*)
- **Tissue:** Lung tumour
- **Tumour:** Epidermoid carcinoma
- **Gender :** Male
- **Age:** NA
- **Ethnicity:** NA
- **Derivation:** Established from a PDX model at Passage 5+2



Original tumour after extraction

CTI Biotech Cell Culture Data

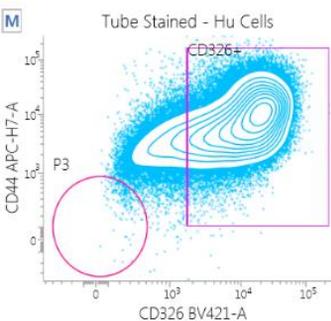
- **Cell Properties:** Adherent, epithelial
- **Morphology:** Adherent epitheloid cells growing as monolayer
- **Cell Passage:** P2
- **Harvest :** Cell harvest of about : $1,25 \times 10^5$ cells/cm²
- **Doubling time :** Approximately 17 days
- **Cell condition:** Supplied as vials of 1×10^6 cells
- **Viral testing:** Negative for HIV, HBV, HCV
- **Sterility testing:** Negative for mycoplasma, Bacteria and Yeasts
- **Biosafety level:** 1
- **Cryopreseration Medium:** 90% serum-free cryopreservation medium + 10% DMSO
- **Storage condition:** Liquid nitrogen vapour phase



Cells aspect after 2 passages

CTI Biotech Scientific Data

- **Mycoplasma:** negative - (analysis of mycoplasma specific metabolites)
- **Flow Cytometry:** CD44+ / CD326+ / CD105+/- / CD184 / CD90.2 = 0,04%
- **IHC:** Patient : NA
- **ICC:** NA
- **Fingerprint:** Cytoscan analysis revealed a unique DNA profile
- **Species:** Confirmed as Human cells 99,90 %; less than 0,1 % of Ms cells.
- **Cytogenetics :** Cytoscan analysis available
- **Oncogene:** NA
- **Tumorigenicity:** NA
- **Specific characterisation:** NA
- **Comments:** Hu/Ms Ratio maintained without selection



Culture purity: Human cells (flow cytometry)

Prices

- **CTICC1.38:** Human Lung Cancer Cell Lines, Characterized, from PDX, Cryopreserved, 10^6 cells = XXX€