

Product sheet

AsPC-1 | 300158

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Description

AsPC-1, 62 year old male patient with pancreatic adenocarcinoma, treated with HDAC AR-42 and STAT3 LTP-1.

Organism Human

Tissue Pancreas

Disease Pancreatic adenocarcinoma

Metastatic site Lung

Synonyms AsPc-1, Aspc-1, ASPC-1, As-PC1, ASPC1, AsPC1, Aspc1, AsPc1

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Age 62 years

Gender Male

Ethnicity Caucasian

Growth properties Cell line

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Citation AsPC-1 (Cytion 300158)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0152

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the vial to touch the bottom of the water bath. Transfer the cells to a pre-warmed T25 flask containing 5 ml of complete medium. Gently mix the cells by pipetting up and down. Incubate the cells in a humidified CO₂ incubator at 37°C and 5% CO₂.
2. Once the cells have attached, replace the medium with fresh complete medium. Remove the medium and wash the cells with PBS. Add fresh complete medium.
3. After 24 hours, check for cell attachment. If cells are not attached, repeat the thawing process. If cells are attached, replace the medium with fresh complete medium.
4. Once the cells have reached confluence, passage the cells into a new T25 flask. Use trypsin to detach the cells. Seed the cells into a new T25 flask containing 5 ml of complete medium.
5. Incubate the cells in a humidified CO₂ incubator at 37°C and 5% CO₂. Monitor the cells daily for growth and confluence.
6. Once the cells have reached confluence, passage the cells into a new T25 flask. Use trypsin to detach the cells. Seed the cells into a new T25 flask containing 5 ml of complete medium.
7. Incubate the cells in a humidified CO₂ incubator at 37°C and 5% CO₂. Monitor the cells daily for growth and confluence.
8. Once the cells have reached confluence, passage the cells into a new T25 flask. Use trypsin to detach the cells. Seed the cells into a new T25 flask containing 5 ml of complete medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture flasks should be coated with Cell Culture Adhesion Promoter (CCAP) to improve cell attachment.

Freezing Procedure Harvest cells from a confluent T25 flask using trypsin. Resuspend the cells in freezing medium. Aliquot the cells into 1 ml vials. Store the vials in a liquid nitrogen storage container at -196°C.

Shipping Conditions Cells should be shipped in a dry ice container at -78°C. The container should be kept upright and should not be opened until the cells have been received.

Storage Conditions Cells should be stored in a liquid nitrogen storage container at -196°C. The container should be kept upright and should not be opened until the cells have been received.

Genotype / HLA

Sterility Cells are provided as a suspension in complete medium. The cells are free of mycoplasma contamination. The cells are also free of endotoxins.

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HLA

A*: '01:01:01, '26:01:01

B*: 15:01:01

C*: 03:03:01, 03:04:01

DRB1*: 04:01:01, 13:02:01

DQA1*: '01:02:01, '03:01:01

DQB1*: 03:02:01, 06:04:01

DPB1*: '04:01:01G, '10:01:01G

E: 01:01, 01:03