

Product sheet

CFPAC-1 | 305066

CFPAC-1

**Description** CFPAC-1 is a cell line derived from a 26-year-old male patient with colorectal adenocarcinoma (CA19-9 positive, CEA positive). CFPAC-1 is a highly metastatic cell line with a growth rate of approximately 508 cells per day.

**Organism** Human

**Tissue** Colon

**Disease** Colorectal adenocarcinoma

**Metastatic site** Liver

**Synonyms** CFPac-1, CF PAC-1, CF-PAC1, CF-PAC1, CF-Pac1, CF Pac1, CFPAC1, CFPAC1, CFPAC1, CFPAC1, CFPAC

CFPAC-1

**Age** 26 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

CFPAC-1

**Citation** CFPAC-1 (ATCC CRL-2739) (305066)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1119

Product sheet

XXXXXXXX CFPAC-1 | 305066

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Protein expression** XXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX (Cea) 9 XXXXXXXXXXXX/XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX (Poa) 28 XXXXXXXXXXXX/XXXXXXXXXX

**Antigen expression** XXXXXXXX CA19-9 12000 XXXXX/XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Tumorigenic** XXXX

XXXXXXXXXX

**Culture Medium** IMDM 4.5 g/l XXXXXXXXXXXX 4 XXXXXXX XXXXXXXXXXXX 25 XXXXX XXXXXXX XXXXXXX (HEPES) 1.0 XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Supplements** XXX XXXXXXX XXXXXXX 10% XXX XXX FBS

**Dissociation Reagent** XXXXXXXX

**Subculturing** XXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX PBS XXXXX XXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Fluid renewal** 2 XXX 3 XXXXX XXX XXXXXXXXXXXX

**Freeze medium** XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXX XXXXXXX (XXX XXX XXX FBS) + 10% DMSO XXX XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

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Thawing and Culturing Cells

1. Thaw the vial in a 37°C water bath. Transfer the cells to a 15 mL centrifuge tube.
2. Centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 mL of complete medium.
3. Seed the cells into a T75 flask containing 37 mL of complete medium.
4. Incubate the cells at 37°C in a 5% CO2 atmosphere until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 8 x 10^6 cells into a T75 flask.
6. Incubate the cells at 37°C in a 5% CO2 atmosphere until they reach 70% confluency.
7. Harvest the cells by trypsinization. Seed 10 x 10^6 cells into a T75 flask.
8. Incubate the cells at 37°C in a 5% CO2 atmosphere until they reach 70% confluency.

Incubation Atmosphere

37°C, 5% CO2

Flask Coating

None

Freezing Procedure

Resuspend cells in freezing medium and store at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

Store at -150°C to -196°C.

CFPAC-1 / HLA

Sterility

CFPAC-1 is tested for sterility using PCR. The results are negative.