

Product sheet

PM-LGSOC-01 | 300305

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Description
PM-LGSOC-01 is a cell line derived from a patient with metastatic colorectal cancer (LGSOC). The cell line is characterized by a KRAS G12C mutation and is highly sensitive to KRAS inhibitors. PM-LGSOC-01 is a cell line derived from a patient with metastatic colorectal cancer (LGSOC). The cell line is characterized by a KRAS G12C mutation and is highly sensitive to KRAS inhibitors. PM-LGSOC-01 is a cell line derived from a patient with metastatic colorectal cancer (LGSOC). The cell line is characterized by a KRAS G12C mutation and is highly sensitive to KRAS inhibitors.

Organism Human

Tissue Colon

Disease Metastatic colorectal cancer

Metastatic site Liver

Synonyms M28/2

Characteristics

Age 60 years

Gender Male

Morphology Epithelial

Growth properties Adherent

References

Citation PM-LGSOC-01 (Cell Line) | 300305

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_xx32

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Thawing and Culturing Cells

1. Thaw the vial in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO2. The next day, replace the medium with fresh complete medium. The cells should reach 70% confluency within 7-8 days. Harvest the cells for analysis.
2. Thaw the vial in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO2. The next day, replace the medium with fresh complete medium. The cells should reach 70% confluency within 7-8 days. Harvest the cells for analysis.
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Incubation Atmosphere 37 °C, 5% CO2

Flask Coating None

Freezing Procedure Harvest cells at 70-80% confluency, wash with PBS, and resuspend in freezing medium. Freeze in liquid nitrogen.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150 to -196 °C

PM-LGSOC-01 / PM-LGSOC-01 / HLA

Sterility Sterile, endotoxin-free