

PM-LGSOC-01 | 300305

PM-LGSOC-01

Description	PM-LGSOC-01 is a cell line derived from a patient with Lung Squamous Cell Carcinoma (LGSOC). The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. PM-LGSOC-01 is a cell line derived from a patient with Lung Squamous Cell Carcinoma (LGSOC). The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. PM-LGSOC-01 is a cell line derived from a patient with Lung Squamous Cell Carcinoma (LGSOC). The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. PM-LGSOC-01 is a cell line derived from a patient with Lung Squamous Cell Carcinoma (LGSOC). The cell line is characterized by its high growth rate and its ability to form colonies in soft agar.
-------------	---

Organism	Human
Tissue	Lung
Disease	Lung Squamous Cell Carcinoma
Metastatic site	Metastatic
Synonyms	M28/2

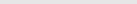
Cell Line Characteristics

Age	60 years
Gender	Male
Morphology	Epithelial
Growth properties	High growth rate

Cell Line Identification

Citation	PM-LGSOC-01 (Cell Line) 300305
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_xx32

XXXXXXXX PM-LGSOC-01 | 300305

Mutational profile  KRAS c.35 G > T (p.(Gly12Val))

XXXXXXXXXXXX

Culture Medium EMEM (MEM Eagle) 2 10000 100000 2.2 100 NaHCO₃ 1 EBSS (1000 820100a 1000000)

Supplements 10 1

Dissociation Reagent □□□□□□□□/□□□□□ □□□□□ □□□□□□ □□ Ca²⁺/□□□□□□□□

Doubling time 42 □□□□

Subculturing

Split ratio 1:20

Seeding density 1×10^4 /

Freeze medium α MEM β MEM γ MEM δ MEM ϵ MEM ζ MEM (MEM α MEM β MEM γ MEM δ MEM ϵ MEM ζ MEM) + 10% DMSO MEM α MEM β MEM γ MEM δ MEM ϵ MEM ζ MEM

PM-LGSOC-01 | 300305

Thawing and
Culturing Cells

1. 将细胞从液氮中取出，放入37°C水浴中快速解冻，离心（500g，5min），弃上清液，加入完全培养基，接种到预铺细胞的培养瓶中。
2. 将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。
3. 将培养瓶置于37°C，5% CO₂ 培养箱中培养，24h后换液，加入新鲜完全培养基。
4. 将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。
5. 将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。
6. 将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。
7. 将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。
8. 将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。

Incubation
Atmosphere

37 °C, 5% CO₂

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。

Shipping
Conditions

将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。

Storage
Conditions

将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。

PM-LGSOC-01 / 300305 / HLA

Sterility

将细胞悬液接种到预铺细胞的培养瓶中，接种量为每瓶1-1.5 × 10⁶ 细胞，接种后轻轻晃动培养瓶，使细胞均匀分布。

PM-LGSOC-01 | 300305

STRCSF1PO: 1011
D13S317: 1213
D16S539: 1013
D5S818: 1112
D7S820: 9,1
TH01: 67
TPOX: 8,1
vWA: 1517
D3S1358: 1415
D21S11: 28,32
D18S51: 1217
D8S1179: 1314
FGA: 2324
D2S1338: 2425
D19S433: 1216
PEZ6: OVCAR3