

Product sheet

PM-LGSOC-01 | 300305

|             |                       |       |      |       |     |             |
|-------------|-----------------------|-------|------|-------|-----|-------------|
| Description | PM-LGSOC-01           | LGSOC |      |       | PDX | PM-LGSOC-01 |
|             | c.35 G > T p.Gly12Val | LGSOC | MAPK |       |     |             |
|             | PM-LGSOC-01           |       | 42   | 23    |     | 100         |
|             | PM-LGSOC-01           | LGSOC | MEK  | LGSOC |     | HGSOC       |

Organism

Tissue

Disease

Metastatic site

Synonyms M28/2

Age 60

Gender

Morphology

Growth properties

Citation PM-LGSOC-01 Cytion 300305

Biosafety level 1

NCBI\_TaxID 9606

CellosaurusAccession CVCL\_xx32

Product sheet

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|                      |                                |           |               |                  |        |        |         |      |          |      |        |     |        |  |
|----------------------|--------------------------------|-----------|---------------|------------------|--------|--------|---------|------|----------|------|--------|-----|--------|--|
| Mutational profile   | KRAS c.35 G > T (p.(Gly12Val)) |           |               |                  |        |        |         |      |          |      |        |     |        |  |
| Culture Medium       | EMEM                           | MEM Eagle | w 2 mM L-     | w 2.2 g/L NaHCO3 | w EBSS | Cytion | 820100a |      |          |      |        |     |        |  |
| Supplements          | 10% FBS 1% NEAA                |           |               |                  |        |        |         |      |          |      |        |     |        |  |
| Dissociation Reagent | /EDTA Ca2+/Mg2+                |           |               |                  |        |        |         |      |          |      |        |     |        |  |
| Doubling time        | 42                             |           |               |                  |        |        |         |      |          |      |        |     |        |  |
| Subculturing         |                                |           | PBS           | T25              | 3-5    | PBS    | T75     | 5-10 | Accutase | T25  | 1-2    | T75 |        |  |
| Split ratio          | 1:20                           |           |               |                  |        |        |         |      |          |      |        |     |        |  |
| Seeding density      | 1 × 10 <sup>4</sup> /          |           |               |                  |        |        |         |      |          |      |        |     |        |  |
| Freeze medium        |                                |           | FBS +10% DMSO | CM-1             | Cytion |        | 800100  |      |          | CM-1 | Cytion |     | 800100 |  |

## Thawing and Culturing Cells

1.

2.

-150°C

3

3.

37°C

40-60

4.

70%

5.

8

15

6.

300 x g      3

7. 10

T25

T25

8.

## Incubation Atmosphere

37°C, 5% CO<sub>2</sub>,

## Flask Coating

## Freezing Procedure

-78 °C

## Shipping Conditions

-78 °C

## Storage Conditions

-150    -196    -80 °C

## Sterility

PCR

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**STR**

**CSF1PO:** 10,11  
**D13S317:** 12,13  
**D16S539:** 10,13  
**D5S818:** 11,12  
**D7S820:** 9,1  
**TH01:** 6,7  
**TPOX:** 8,1  
**vWA:** 15,17  
**D3S1358:** 14,15  
**D21S11:** 28,32  
**D18S51:** 12,17  
**D8S1179:** 13,14  
**FGA:** 23 24  
**D2S1338:** 24 25  
**D19S433:** 12,16  
**PEZ6:** OVCAR3