

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

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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 2.5

Seeding density 1×10^4 /

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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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% CO₂

Flask Coating

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

/ /HLA

Sterility

PCR