



**Product sheet**

**FO-1 (MEL-CLS-1) | 300175**

<b>Protein expression</b>	P53(+)
<b>Tumorigenic</b>	Yes, tumorigenic in nude mice
<b>Viruses</b>	Adenovirus, Herpesvirus, Influenza A, K, Measles, Reo 3, PVM, LCM, M.pulmonis, MVM, Theiler's GD VII, Toolan's H-1, MHV, B.piliformis.
<b>Mutational profile</b>	BRAF V600Emut
<b>Karyotype</b>	46, XX, 38-56

**Characteristics**

<b>Culture Medium</b>	DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO <sub>3</sub> , w: 1.0 mM sodium pyruvate (Cytion 820300a)
<b>Supplements</b>	10% FBS
<b>Dissociation Reagent</b>	Trypsin
<b>Subculturing</b>	Cells are grown in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1 x 10 <sup>4</sup> cells per flask. Media is changed every 3 days. Cells are passaged when they reach 80-90% confluency.
<b>Seeding density</b>	1 x 10 <sup>4</sup> cells/flask
<b>Fluid renewal</b>	3 times per week
<b>Post-Thaw Recovery</b>	After thawing, cells are seeded into a T25 flask with DMEM supplemented with 10% FBS. Media is changed every 24 hours until cells reach 80-90% confluency.
<b>Freeze medium</b>	DMEM supplemented with 10% FBS, 10% DMSO (Cytion FBS) + 10% DMSO

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**Thawing and Culturing Cells**

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

**Incubation Atmosphere**      37°C, 5%<sub>CO2</sub>, [Redacted]

**Flask Coating**      [Redacted]

**Freezing Procedure**      [Redacted]

**Shipping Conditions**      [Redacted]

**Storage Conditions**      [Redacted]

**[Redacted] / [Redacted] / HLA**

**Sterility**

[Redacted]

[Redacted]