



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

|                             |                       |        |       |             |              |                |          |                  |              |                    |     |  |
|-----------------------------|-----------------------|--------|-------|-------------|--------------|----------------|----------|------------------|--------------|--------------------|-----|--|
| <b>Protein expression</b>   | P53(+)                |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Tumorigenic</b>          |                       |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Viruses</b>              | K                     | Kilham | Reo 3 | PVM         | LCM          | M.pulmonis     | MVM      | Theiler's GD VII | Toolan's H-1 |                    |     |  |
| <b>Mutational profile</b>   | BRAF V600Emut         |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Karyotype</b>            | 51                    | 38-56  |       |             |              |                |          |                  |              |                    |     |  |
| <b>Culture Medium</b>       | DMEM w 4.5 /          | w 4    | L-    | w 3.7 /     | NaHCO3 w 1.0 | Cytion 820300a |          |                  |              |                    |     |  |
| <b>Supplements</b>          | 10% FBS               |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Dissociation Reagent</b> | Accutase              |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Subculturing</b>         | PBS                   | T25    | 3-5   | PBS         | T75          | 5-10           | Accutase | T25              | 1-2          | T75                | 2.5 |  |
| <b>Seeding density</b>      | 1 × 10 <sup>4</sup> / |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Fluid renewal</b>        | 3                     |        |       |             |              |                |          |                  |              |                    |     |  |
| <b>Post-Thaw Recovery</b>   | 4                     |        |       | 5 × 10      |              |                | 24       |                  |              |                    |     |  |
| <b>Freeze medium</b>        | 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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -80 °C

/ /HLA

**Sterility** PCR