

Product sheet

HROBMC01 | 300800

Description 2006 Michael Linnebacher

Organism

Tissue

Disease

Metastatic site

Applications PTEN HROC

Age 60

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation HROBMC01 Cytion 300800

Biosafety level 1

NCBI\_TaxID 9606

CellosaurusAccession CVCL\_1D08

GMO Status

## Product sheet



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|                      |                                                                              |           |            |         |           |             |           |                               |          |     |     |     |
|----------------------|------------------------------------------------------------------------------|-----------|------------|---------|-----------|-------------|-----------|-------------------------------|----------|-----|-----|-----|
| Protein expression   | PTEN-                                                                        |           |            |         |           |             |           |                               |          |     |     |     |
| MSI-status           | MSS                                                                          |           |            |         |           |             |           |                               |          |     |     |     |
| Mutational profile   | P53                                                                          | APC       | K-RasG12VA | N-Ras   | H-Ras     | PIK3CA      | B-Raf     |                               |          |     |     |     |
| Culture Medium       | DMEM                                                                         | Ham's F12 | 1:1        | 3.1 g/L | 2.5 mM L- | 15 mM HEPES | w: 0.5 mM | w: 1.2 g/L NaHCO <sub>3</sub> | Cytion   |     |     |     |
| Supplements          | 10%                                                                          | FBS       |            |         |           |             |           |                               |          |     |     |     |
| Dissociation Reagent | Accutase                                                                     |           |            |         |           |             |           |                               |          |     |     |     |
| Doubling time        | 30                                                                           |           |            |         |           |             |           |                               |          |     |     |     |
| Subculturing         |                                                                              |           | PBS        | T25     | 3-5       | PBS         | T75       | 5-10                          | Accutase | T25 | 1-2 | T75 |
| Split ratio          | 1 : 3                                                                        |           |            |         |           |             |           |                               |          |     |     |     |
| Seeding density      | 1 × 10 <sup>4</sup> /cm <sup>2</sup>                                         |           |            |         |           |             |           |                               |          |     |     |     |
| Fluid renewal        | 3 : 5                                                                        |           |            |         |           |             |           |                               |          |     |     |     |
| Post-Thaw Recovery   | 4 × 10 <sup>4</sup> /cm <sup>2</sup> 5 × 10 <sup>5</sup> /cm <sup>2</sup> 48 |           |            |         |           |             |           |                               |          |     |     |     |
| Freeze medium        | FBS + 10% DMSO 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>

Shipping  
Conditions

-78 °C

Storage  
Conditions

-150 -196 °C -80 °C

Sterility

PCR