

Product sheet

**HROC257 | 300814**

**General information**

|             |                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------|
| Description | Cell line derived from a 84-year-old male patient with a primary tumor of the prostate (PD Dr. Michael Linnebacher) [1] |
| Organism    | Human                                                                                                                   |
| Tissue      | Prostate, UICC IV                                                                                                       |
| Disease     | Prostate cancer, TNM T4N2Mx, R1L1V1, G3, Lk(n) +8, Σ Lk(n) 15                                                           |
| Synonyms    | HROC257P                                                                                                                |

**Cell line characteristics**

|                   |                  |
|-------------------|------------------|
| Age               | 84 years         |
| Gender            | Male             |
| Ethnicity         | German           |
| Morphology        | Epithelial cells |
| Growth properties | Adherent         |

**Identification and documentation**

|                      |                                  |
|----------------------|----------------------------------|
| Citation             | HROC257 (HROC257P) Cytion 300814 |
| Biosafety level      | 1                                |
| NCBI_TaxID           | 9606                             |
| CellosaurusAccession | CVCL_1U96                        |

**Protein expression and analysis**

|                    |      |
|--------------------|------|
| Protein expression | PTEN |
|--------------------|------|

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|                             |                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tumorigenic</b>          | XX, XXXXXXXX XXXXXXXX XX XXXXX XXXXXXX                                                                                                                                                                                                                       |
| <b>Viruses</b>              | XXXX XXXXXXXXXX XXXXXXXXXX XXXXX XXX SV40, JC/BK, HBV, HCV, HIV.                                                                                                                                                                                             |
| <b>Ploidy status</b>        | XXXXXXXXXXXX                                                                                                                                                                                                                                                 |
| <b>MSI-status</b>           | MSI-H                                                                                                                                                                                                                                                        |
| <b>Mutational profile</b>   | K-Raswt, N-Raswt, H-Raswt, PIK3CAwt, B-Rafmut                                                                                                                                                                                                                |
| <b>XXXXXX</b>               |                                                                                                                                                                                                                                                              |
| <b>Culture Medium</b>       | DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXX, w: 2.5 mM L-XXXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXXX XXXXXXX, w: 1.2 g/L NaHCO3 820400a)                                                                                                                           |
| <b>Supplements</b>          | XXXXX XXXXXXX 10% FBS                                                                                                                                                                                                                                        |
| <b>Dissociation Reagent</b> | XXXXXXXX                                                                                                                                                                                                                                                     |
| <b>Doubling time</b>        | 29 XXXXX                                                                                                                                                                                                                                                     |
| <b>Subculturing</b>         | XXXX XX XXXXXXX XXXXX XXXXXXX XXXXXXX XXXXX XXXXX X-PBS XXX XXXXX XXXXXXXXXX XXXXX XXXXXXX T25, XXXXXXX X-3-5 X' X-PBS, XXXXXXX XXX 3 XXXXX. XXXXX XX XXXXXXX XXXXXXX, XXXXX XX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXX XXXXX XXXXXXX XXXXXXX XXXXX XXXXX. |
| <b>Seeding density</b>      | $2 \times 10^4$ <sup>10</sup> XXXX/XX                                                                                                                                                                                                                        |
| <b>Fluid renewal</b>        | XX 3 XX 5 XXXXX                                                                                                                                                                                                                                              |
| <b>Post-Thaw Recovery</b>   | XXXXX                                                                                                                                                                                                                                                        |
| <b>Freeze medium</b>        | XXXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXXX XXXXXXX, XXX C                                                                                                                           |

