

Product sheet

HROG36 | 300939

|                      |           |                            |          |                            |                            |
|----------------------|-----------|----------------------------|----------|----------------------------|----------------------------|
| Description          | -         | PD Dr. Michael Linnebacher | -        | PD Dr. Michael Linnebacher | 2006                       |
| Organism             |           |                            |          |                            |                            |
| Tissue               | R         |                            |          |                            |                            |
| Disease              | III       |                            |          |                            |                            |
| Age                  | 80        |                            |          |                            |                            |
| Gender               |           |                            |          |                            |                            |
| Ethnicity            |           |                            |          |                            |                            |
| Morphology           |           |                            |          |                            |                            |
| Growth properties    |           |                            |          |                            |                            |
| Citation             | HROG36    | Cytion                     | 300939   |                            |                            |
| Biosafety level      | 1         |                            |          |                            |                            |
| NCBI_TaxID           | 9606      |                            |          |                            |                            |
| CellosaurusAccession | CVCL_4U49 |                            |          |                            |                            |
| Antigen expression   | GFAP+     | nestin +                   | + S-100+ | GBM+                       | BTSC+                      |
| Mutational profile   | IDH 1     | 2 wt                       | TP53wt   | K-Ras wt                   | B-RAFwt MGMT CN=0 PTEN I5S |

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|                             |                     |         |                      |              |                |           |                   |        |          |     |     |     |     |     |
|-----------------------------|---------------------|---------|----------------------|--------------|----------------|-----------|-------------------|--------|----------|-----|-----|-----|-----|-----|
| Culture Medium              | DMEM:Ham's F12      | 1:1     | w: 3.1 g/L           | w: 2.5 mM L- | w: 15 mM HEPES | w: 0.5 mM | w: 1.2 g/L NaHCO3 | Cytion | 8        |     |     |     |     |     |
| Supplements                 | 10% FBS             |         |                      |              |                |           |                   |        |          |     |     |     |     |     |
| Dissociation Reagent        | Accutase            |         |                      |              |                |           |                   |        |          |     |     |     |     |     |
| Doubling time               | 35                  | 40      |                      |              |                |           |                   |        |          |     |     |     |     |     |
| Subculturing                |                     |         | PBS                  | T25          | 3-5            | PBS       | T75               | 5-10   | Accutase | T25 | 1-2 | T75 | 2.5 |     |
| Seeding density             | 1 × 10 <sup>4</sup> | /       |                      |              |                |           |                   |        |          |     |     |     |     |     |
| Fluid renewal               | 3                   | 5       |                      |              |                |           |                   |        |          |     |     |     |     |     |
| Freeze medium               |                     | 50%     | + 40% FBS + 10% DMSO |              |                | CM-1      | Cytion            | 800100 |          |     |     |     |     |     |
| 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.                  |         |                      |              |                |           |                   |        |          |     |     |     |     |     |

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

**Flask Coating**

**Freezing  
Procedure** -78 °C

**Shipping  
Conditions** -78 °C

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

**Sterility** PCR

**HLA**  
**A\***: '02:01:01, '25:01:01  
**B\***: '40:01:02, '55:01:01  
**C\***: '03:03:01, '03:04:01  
**DRB1\***: '04:04:01, '14:54:01  
**DQA1\***: '01:04:01, '03:01:01  
**DQB1\***: '03:02:01, '05:03:01  
**DPB1\***: '04:01:01G '06:01:01G  
**E**: '01:01, '01:03