

**XXXXXXUM-SCC-125 | 305724**

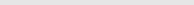
XXXXXXXXXXXXXXXXXXXX

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description  | UM-SCC-125  HNSCC  UM-SCC            |
|              |  HNSCC                                                                                                                 |
| Organism     |                                                                                                                                                                                                                                                                                                                                                                               |
| Tissue       |  ,                                                                                                                                                                                                                                                                                           |
| Disease      |  (HNSCC)                                                                                                                                                                                                                                                                                                                                                                      |
| Applications |  HNSCC;  ;  panel  UM-SCC;  xenograft |

XXXXXXXXXX

|                   |                                      |
|-------------------|--------------------------------------|
| Age               | ████████████████                     |
| Gender            | ██████████████                       |
| Ethnicity         | ████████████████████████             |
| Morphology        | ████████████████████████████████████ |
| Cell type         | ████████████████████████             |
| Growth properties | ████████                             |

**XXXXXXXXXXXXXXXXXXXXXXXXXXXX**

|                        |                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Citation</b>        | UM-SCC-125 (  Cytion 305724) |
| <b>Biosafety level</b> | 1                                                                                                               |
| <b>NCBI_TaxID</b>      | 9606                                                                                                            |

[illegible]

Product sheet

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Characteristics

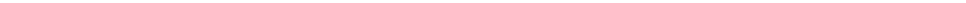
|                      |                                                                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Culture Medium       | DMEM, w: 4.5 g/l Glucose, w: 4 g/l Sodium Pyruvate, w: 3.7 g/l NaHCO <sub>3</sub> , w: 1.0 g/l Penicillin, w: 1.0 g/l Streptomycin |
| Supplements          | 10% FBS                                                                                                                            |
| Dissociation Reagent | Accutase, 10 min, 37°C                                                                                                             |
| Doubling time        | 24-48 h                                                                                                                            |
| Subculturing         | 1:3-1:5 in PBS + Accutase                                                                                                          |
| Split ratio          | 1:5                                                                                                                                |
| Seeding density      | 1 x 10 <sup>4</sup> - 1 x 10 <sup>5</sup> cells/cm <sup>2</sup>                                                                    |
| Fluid renewal        | 2-3 times                                                                                                                          |
| Freeze medium        | DMEM + 10% DMSO                                                                                                                    |

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath.
2. Transfer cells to a cryovial and store at -150°C.
3. Seed cells into a 25 cm<sup>2</sup> flask with 37°C medium.
4. Allow cells to attach and then add 70% medium.
5. Incubate cells for 15 min at 37°C.
6. Seed cells into a 200 x g flask with 5 ml medium.
7. Incubate cells for 24 h at 37°C.

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37°C, 5% CO<sub>2</sub>, 



—150 —196 °C

