

Product sheet

UM-SCC-127 | 305725

General information

Description	UM-SCC-127 is a human HNSCC cell line. It is derived from a primary tumor of the head and neck. The cell line is characterized by its high growth rate and its ability to form xenografts in immunodeficient mice. It is a good model for studying the biology of HNSCC and for testing new therapies.
Organism	Human
Tissue	Head and neck, Squamous cell carcinoma
Disease	Head and neck squamous cell carcinoma (HNSCC)
Applications	Cell line for HNSCC; cell line for HNSCC; cell line for HNSCC; cell line for HNSCC panel for UM-SCC; cell line for xenograft

Characteristics

Age	Not applicable
Gender	Not applicable
Ethnicity	Not applicable
Morphology	Epithelial cells
Cell type	Epithelial cells
Growth properties	High growth rate

Additional information

Citation	UM-SCC-127 (Cytion 305725)
Biosafety level	1
NCBI_TaxID	9606

Ordering information

XXXXXXXXXXUM-SCC-127 | 305725

XXXXXXXXXXXXXXXXXXXX

Culture Medium RPMI 1640, w: 2.0 mM XXXXXXXXXXXXXXXX, w: 2.0 XXXXX/XXXXX NaHCO₃ (XXXXXXXXXXXXXXXXXXXX Cytion 820700a)

Supplements XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX FBS 10%

Dissociation Reagent Accutase, 5 XXXXX, 37°C

Doubling time XXXXXX 24 XXX 48 XXXXXXXX

Subculturing XXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX PBS XX XXXXXXXXXXXXXXXX Accutase XX

Split ratio 1 XXX 5

Seeding density 1 XXX 3 ⁴ XXXXXX/XX

Fluid renewal XXX 2 XXX 3 XXX

Freeze medium XX XX + 10% DMSO XX

Thawing and Culturing Cells

1. XX XX
2. XXXXXXXXXXXXXXXX XXXXXXXX cryovial XXXXXXXXXXXXXXXXXXXXXXXX -150 XXXXXXXXXXXXXXXX XX
3. XXXXXXXXXXXXXXXXXXXXXXXX XX 37 XXXXXXXX
4. XX XX 70%
5. XXXXXXXXXXXXXXXXXXXXXXXX XX 15 XXXXXXXX XXXXXXXX
6. XXXXXXXXXXXXXXXXXXXXXXXX 200 x g XXXXXXXX 5 XXXX XX
7. XX

XXXXXX UM-SCC-127 | 305725

37°C, 5% CO₂, □□□□□□□□□□

 -150 -196 °C

Cytion GmbH | 3 | 69124 |
 +49(0)6221 405780 | www.cytion.com | info@cytion.com