

UM-SCC-125 | 305724

General information

Description	UM-SCC-125 is a cell line derived from a primary tumor of the head and neck (HNSCC) and is characterized by high growth rate and high tumorigenicity. It is a good model for studying the biology of HNSCC and for testing new therapies.
Organism	Human
Tissue	Head and neck
Disease	Head and neck squamous cell carcinoma (HNSCC)
Applications	UM-SCC-125 is a good model for studying the biology of HNSCC and for testing new therapies. It is also used for drug screening and for studying the effects of various treatments on HNSCC cells.

Characteristics

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

Identification and safety

Citation	UM-SCC-125 (Cytion: 305724)
Biosafety level	1
NCBI_TaxID	9606

Additional information

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Culture Medium	DMEM 4.5 g/l 4 g/l 3.7 g/l NaHCO3 1.0 g/l (820 mg/l)
Supplements	10% FBS
Dissociation Reagent	10 min 37 °C
Doubling time	24 h 48 h
Subculturing	PBS 1 min Accutase 8-10 min
Split ratio	1:5
Seeding density	1 x 10 ⁴ - 3 x 10 ⁵ cells/cm ²
Fluid renewal	3 times
Freeze medium	+ 10% DMSO

Thawing and Culturing Cells

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...

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Incubation
Atmosphere

37 °C ± 0.5 °C, 5% CO₂, 95% humidity

Shipping
Conditions

Shipped at room temperature. Storage at -78 °C for long-term storage.

Storage
Conditions

Store at -150 °C to -196 °C. Do not thaw at room temperature.

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