

UM-SCC-112 | 305720

General information

Description	UM-SCC-112 is a human cell line derived from a patient with head and neck squamous cell carcinoma (HNSCC). UM-SCC-112 is a human cell line derived from a patient with head and neck squamous cell carcinoma (HNSCC).
Organism	Human
Tissue	Head and neck squamous cell carcinoma
Disease	Head and neck squamous cell carcinoma (HNSCC)
Applications	UM-SCC-112 is a human cell line derived from a patient with head and neck squamous cell carcinoma (HNSCC).

Characteristics

Age	60 years
Gender	Male
Ethnicity	White
Morphology	Squamous
Cell type	Epithelial
Growth properties	Adherent

Identification and safety

Citation	UM-SCC-112 (Cytion: 305720)
Biosafety level	1
NCBI_TaxID	9606

Additional information

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General information

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

Thawing and Culturing Cells

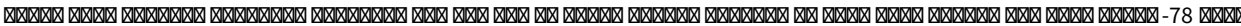
1. Thaw cells quickly in a water bath at 37°C.
2. Centrifuge cells at 300 x g for 5 minutes.
3. Wash cells with PBS.
4. Resuspend cells in 1 ml of culture medium.
5. Seed cells into a 25 cm² flask.
6. Incubate cells for 24-48 hours.
7. Monitor cell growth.

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Incubation
Atmosphere

37 °C 

Shipping
Conditions

 -78 °C

Storage
Conditions

 -150 °C -196 °C

