

Product sheet

UM-SCC-128 | 305726

General information

Description	UM-SCC-128 is a cell line derived from a primary tumor of a patient with head and neck squamous cell carcinoma (HNSCC). It is a highly proliferative, anchorage-dependent cell line that grows in the presence of serum. The cell line is characterized by its high tumorigenicity 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)
Metastatic site	Head and neck (Primary site)
Applications	Study of HNSCC; Drug screening; Cell biology; Tumor biology; HNSCC; Cell culture; Tumor models; HNSCC; Cell biology; Tumor biology; HNSCC; Cell culture; Tumor models

Characteristics

Age	Not applicable
Gender	Not applicable
Ethnicity	Not applicable
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Highly proliferative

Documentation

Citation	UM-SCC-128 (Cytion 305726)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_UMSCC_128

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Thawing and
Culturing Cells

1. 将细胞冻存管放入 37°C 水浴中快速解冻，解冻后立即将细胞悬液转移到含有 1 mL 完全培养基的细胞培养瓶中，轻轻混匀。
2. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养。
3. 将细胞培养瓶放入 37°C 培养箱中培养，每 24 小时观察一次细胞生长情况。当细胞达到 80% 汇合度时，进行传代。
4. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养。
5. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养。
6. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养。
7. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Shipping
Conditions

细胞冻存管应储存在 -80°C 以下，运输过程中应保持在 -78°C 以下。

Storage
Conditions

细胞冻存管应储存在 -80°C 以下，运输过程中应保持在 -78°C 以下。

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