

Product sheet

**KYSE-30 | 305094**

**General Information**

<b>Description</b>	KYSE-30 is a cell line derived from a patient with esophageal squamous cell carcinoma (ESCC). It is a highly proliferative cell line that is sensitive to cisplatin and paclitaxel. KYSE-30 cells are characterized by their ability to form colonies in soft agar and their high tumorigenicity in nude mice. KYSE-30 cells are also characterized by their high expression of p16 (INK4a) and their sensitivity to p16 overexpression.
<b>Organism</b>	Human
<b>Tissue</b>	Esophageal squamous cell carcinoma
<b>Disease</b>	Esophageal squamous cell carcinoma
<b>Synonyms</b>	Kyse-30, KYSE 30, KYSE30, Kyse30, KYSE0030

**Cell Line Characteristics**

<b>Age</b>	64 years
<b>Gender</b>	Male
<b>Ethnicity</b>	Chinese
<b>Morphology</b>	Epithelial, adherent, and highly proliferative
<b>Growth properties</b>	Highly proliferative

**Identification and Safety**

<b>Citation</b>	KYSE-30 (ATCC CCL-1351) Cytion 305094
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1351

**Additional Information**

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**General Information**

**Culture Medium** Ham's F12 + RPMI 1640 (50:50) (Cytion: 820600a + 820702a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Doubling time** 20 - 30 days

**Subculturing** Cells are harvested by trypsinization and washed with PBS. Cells are resuspended in T25, T75 or T175 flasks. Cells are cultured in 3-5 ml of medium. Cells are harvested by trypsinization and washed with PBS. Cells are resuspended in T25, T75 or T175 flasks. Cells are cultured in 3-5 ml of medium.

**Fluid renewal** 2 - 3 days

**Freeze medium** Cells are harvested by trypsinization and washed with PBS. Cells are resuspended in (FBS) + 10% DMSO. Cells are cultured in 3-5 ml of medium.

**Thawing and Culturing Cells**

1. Cells are thawed in a water bath at 37°C. Cells are washed with PBS and resuspended in fresh medium.
2. Cells are seeded into T25 flasks. Cells are cultured in 3-5 ml of medium. Cells are harvested by trypsinization and washed with PBS. Cells are resuspended in T25, T75 or T175 flasks. Cells are cultured in 3-5 ml of medium.
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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

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**Flask Coating**

Flask coating is not required for this product.

**Freezing Procedure**

For freezing, the cells should be seeded into a flask and grown to confluence. The medium should be removed and the cells washed with PBS. The cells should then be harvested and resuspended in freezing medium. The cells should be frozen at -78°C.

**Shipping Conditions**

The cells should be shipped at -78°C.

**Storage Conditions**

The cells should be stored at -150 °C for up to 196 days.

**HLA**

**Sterility**

The cells are supplied as a suspension in a sterile medium.

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