

Product sheet

GES-1 | 305428

General information

Description	GES-1 is a cell line derived from a patient with Fallopian tube cancer. It is a highly proliferative, undifferentiated cell line that grows in suspension. The cells are characterized by their ability to form large, dense colonies in the presence of growth factors. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1). The cells are typically used for research in cancer biology and drug discovery.
Organism	Human
Tissue	Fallopian tube
Synonyms	GES1

Characteristics

Age	9 months
Gender	Female
Cell type	Epithelial
Growth properties	Adherent

Identification and safety

Citation	GES-1 (Cytion 305428)
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_EQ22
GMO Status	GMO-S1: Not applicable

Genetic information

Tumorigenic	Yes (in nude mice)
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Viruses SV40 (SV40)

Media

Culture Medium RPMI 1640, w: 2.0 mM Glutamine, w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Freeze medium RPMI 1640, 10% FBS, 10% DMSO

Thawing and Culturing Cells
1. Thaw cells in a 37°C water bath...
2. Add 10% FBS...
3. Seed cells into a 25 cm2 flask...
4. Allow cells to attach...
5. Change medium...
6. Split cells...
7. Seed cells into a 96-well plate...
8. Incubate cells...

Incubation Atmosphere 37°C, 5% CO2

Flask Coating None

Freezing Procedure Freeze cells in a 15 ml falcon tube...

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Shipping Conditions -78°C

Storage Conditions -150 °C 196

HLA

Sterility