

Product sheet

GIMEN | 300179

General Information

Description GIMEN is a cell line derived from a 4-year-old child with neuroblastoma. It is a neuroblastoma cell line, established from a primary neuroblastoma. GIMEN is a neuroblastoma cell line, established from a primary neuroblastoma. GIMEN is a neuroblastoma cell line, established from a primary neuroblastoma.

Organism Human

Tissue Neuroblastoma

Disease Neuroblastoma

Metastatic site Lung

Synonyms Gi-ME-N, Gi-MEN, GI-ME-N, Gimen, Gimen1, Gaslini-ME-Neuroblastoma

Characteristics

Age 3.5 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

Documentation

Citation GIMEN (Cytion 300179)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1232

HEK293T GIMEN | 300179

HEK293T GIMEN - HEK293T GIMEN

HEK293T

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM sodium pyruvate (Gibco Cytion 820300a)

Supplements Gibco Cytion 10% FBS

Dissociation Reagent Gibco Cytion

Doubling time 25 hours

Subculturing 1. Seed cells into 25 cm² flasks in DMEM + 10% FBS. 2. When cells reach 80-90% confluency, harvest cells by trypsinization. 3. Resuspend cells in DMEM + 10% FBS and seed into new flasks.

Seeding density 2 x 10⁵ - 4 x 10⁵ cells/flask

Fluid renewal 2 - 3 times per week

Freeze medium Gibco Cytion DMEM + 10% FBS + 10% DMSO (Gibco Cytion FBS) + 10% DMSO

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Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed tube and centrifuge at 300 x g for 5 minutes. Resuspend the cells in pre-warmed medium.
2. **Seeding:** Seed the cells into a pre-warmed flask or well plate. For a 25 cm² flask, seed 1.5 x 10⁶ cells. For a 96-well plate, seed 1.5 x 10⁵ cells per well.
3. **Medium:** Use a serum-free medium supplemented with 1% fetal bovine serum (FBS) for the first 24 hours. Then, replace with a serum-free medium.
4. **Incubation:** Incubate the cells at 37°C in a 5% CO₂ atmosphere. Monitor cell growth and confluency.
5. **Passaging:** Once cells reach 70-80% confluency, passage them into a new flask or well plate. Use a trypsin-EDTA solution for 5-10 minutes.
6. **Freezing:** For long-term storage, harvest cells into a 15 mL tube and centrifuge at 300 x g for 5 minutes. Resuspend in freezing medium (10% FBS, 90% serum-free medium) and freeze in a 1 mL vial.
7. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed tube and centrifuge at 300 x g for 5 minutes. Resuspend in pre-warmed medium.
8. **Seeding:** Seed the cells into a pre-warmed flask or well plate. For a 25 cm² flask, seed 1.5 x 10⁶ cells. For a 96-well plate, seed 1.5 x 10⁵ cells per well.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Yes

Freezing Procedure Harvest cells into a 15 mL tube and centrifuge at 300 x g for 5 minutes. Resuspend in freezing medium (10% FBS, 90% serum-free medium) and freeze in a 1 mL vial.

Shipping Conditions Store at -78°C in a dry ice container.

Storage Conditions Store at -150°C in a vial for up to 196 days.

IMM-GIMEN / IMM-GIMEN / HLA

Sterility

IMM-GIMEN is sterile and free of mycoplasmas, PCR inhibitors, and other contaminants.

IMM-GIMEN is free of endotoxins, mycoplasmas, and other contaminants.

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A*: '02:01:01, '30:01:01

B*: 13:02:01, 18:01:01

C*: 06:02:01, 07:01:09

DRB1*: 04:03:01, 07:01:01

DQA1*: '02:01:01, '03:01:01

DQB1*: '02:02:01, '03:02:01

DPB1*: 02:01:02

E: '01:01:01, '01:xx