

GIMEN | 300179

General Information

Description GIMEN is a cell line derived from a 4-year-old child with a neuroblastoma (IV). It is a neuroblastoma cell line, derived from a 4-year-old child with a neuroblastoma (IV). GIMEN is a neuroblastoma cell line, derived from a 4-year-old child with a neuroblastoma (IV). GIMEN is a neuroblastoma cell line, derived from a 4-year-old child with a neuroblastoma (IV).

Organism Human

Tissue Neuroblastoma

Disease Neuroblastoma

Metastatic site Lung, Liver

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

Characteristics

Age 3.5 years

Gender Male

Ethnicity Italian

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. Wash cells with PBS. 2. Add 1 ml trypsin to each well. 3. Incubate at 37°C for 5-10 min. 4. Add 1 ml PBS to stop the reaction. 5. Pipette up the cells into a 15 ml centrifuge tube. 6. Centrifuge at 300 x g for 5 min. 7. Remove the supernatant. 8. Resuspend the cell pellet in 1 ml PBS. 9. Count the cells. 10. Seed cells into a new well.

Seeding density 2 x 10⁴ - 4 x 10⁴ cells/cm²

Fluid renewal 2 - 3 days

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

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Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Do not allow the cells to remain at room temperature for more than 5 minutes.
2. **Resuspension:** Resuspend the cells in 1 mL of pre-warmed complete medium. Gently mix by pipetting up and down. Do not vortex.
3. **Seeding:** Seed the cells into a 25 cm² flask containing 50 mL of pre-warmed complete medium. Add the cells to the flask and gently mix.
4. **Medium Change:** After 24 hours, change the medium to fresh complete medium. Remove the old medium and replace with 50 mL of fresh medium.
5. **Passaging:** When the cells reach 80-90% confluency, passage them into a new flask. Use trypsin to detach the cells and resuspend in 10 mL of complete medium.
6. **Freezing:** For long-term storage, freeze the cells in 1 mL of freezing medium. Store at -150°C.
7. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Do not allow the cells to remain at room temperature for more than 5 minutes.
8. **Resuspension:** Resuspend the cells in 1 mL of pre-warmed complete medium. Gently mix by pipetting up and down. Do not vortex.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture flasks should be coated with Cell Culture Adhesion Promoter (CCAP) before use.

Freezing Procedure Cells should be frozen in a controlled rate freezer at -1°C/min to -150°C.

Shipping Conditions Cells should be shipped at -78°C in dry ice.

Storage Conditions Cells should be stored at -150°C in 196 liquid nitrogen.

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Sterility IMMIGIMEN is sterile and ready to use. IMMIGIMEN is not PCR inhibited.

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XXXXXXXXX HLA

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