

GIMEN | 300179

General information

Description	GIMEN is a cell line derived from a 4-year-old female patient with a diagnosis of Neuroblastoma (NB), stage IV. The cell line was established by explant culture of the primary tumor. GIMEN is a neuroblastoma cell line, derived from a 4-year-old female patient with a diagnosis of Neuroblastoma (NB), stage IV. The cell line was established by explant culture of the primary tumor. GIMEN is a neuroblastoma cell line, derived from a 4-year-old female patient with a diagnosis of Neuroblastoma (NB), stage IV. The cell line was established by explant culture of the primary tumor.
Organism	Human
Tissue	Neuroblastoma
Disease	Neuroblastoma
Metastatic site	Metastatic
Synonyms	Gi-ME-N, Gi-MEN, GI-ME-N, Gimen, Gimen1, Gaslini-ME-Neuroblastoma

Cell line characteristics

Age	3.5 years
Gender	Female
Ethnicity	Unknown
Morphology	Epithelial
Growth properties	Adherent

Cell line identification

Citation	GIMEN (Cytion 300179)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1232

Product sheet

GIMEN | 300179

Cell line: GIMEN-1 (ATCC CRL-2939)

Cell type: Epithelial

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	10% FBS
Dissociation Reagent	Trypsin
Doubling time	25 hours
Subculturing	Cells are grown in DMEM supplemented with 10% FBS. Cells are passaged using Trypsin, 3-5 minutes at 37°C. Cells are then washed with PBS and resuspended in DMEM supplemented with 10% FBS.
Seeding density	2 x 10 ⁴ cells/cm ²
Fluid renewal	2-3 times per week
Freeze medium	DMEM supplemented with 10% FBS, 10% DMSO, 10% FBS (10% FBS) + 10% DMSO

GIMEN | 300179

**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C孵育箱中培养。
2. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-150°C液氮中冷冻，然后将细胞悬液转移至-80°C冰箱中保存。
3. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C孵育箱中培养。
4. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于70%相对湿度中培养。
5. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于15 μm × 8 μm × 8 μm的细胞培养瓶中培养。
6. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于300 x g离心3分钟，然后将细胞悬液转移至-80°C冰箱中保存。
7. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于10 μm × 10 μm × 10 μm的细胞培养瓶中培养。
8. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-80°C冰箱中保存。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-78°C液氮中冷冻。

**Shipping
Conditions**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-78°C液氮中冷冻。

**Storage
Conditions**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-150°C液氮中冷冻。

Sterility

本产品经过严格的灭菌处理，符合PCR扩增的要求。本产品不含任何抗生素，不含任何毒素，不含任何病毒，不含任何细菌，不含任何真菌，不含任何寄生虫，不含任何细胞碎片，不含任何细胞核，不含任何细胞膜，不含任何细胞器，不含任何细胞骨架，不含任何细胞信号分子，不含任何细胞因子，不含任何细胞生长因子，不含任何细胞分化因子，不含任何细胞凋亡因子，不含任何细胞死亡因子，不含任何细胞衰老因子，不含任何细胞衰老相关因子，不含任何细胞衰老相关因子，不含任何细胞衰老相关因子。

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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