

SF188 | 305870

General information

Description	SF188 is a human glioblastoma cell line (GBM) derived from a 60-year-old male patient. It is a highly aggressive, undifferentiated tumor. The cell line is characterized by its high proliferation rate and its ability to form spheroids. It is a good model for studying glioblastoma biology and for testing new therapies. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS. It is a good model for studying glioblastoma biology and for testing new therapies. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS.
Organism	Human
Tissue	Brain, Glioblastoma
Disease	Glioblastoma
Synonyms	SF-188, SF 188

Characteristics

Age	8 months
Gender	Male
Growth properties	Adherent

Cell line identification

Citation	SF188 (Cytion 305870)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6948

Mutational profile

Mutational profile	TP53, p.Gly266Glu (c.797G>A), (PubMed=9614553, PubMed=10416987).
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References

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Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO ₃ , w: EBSS (无血清培养基 Cytion 820100a)
Supplements	无血清培养基 10% FBS 及 1% NEAA
Dissociation Reagent	无血清培养基
Doubling time	26 天
Subculturing	将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。
Seeding density	2 × 10 ⁴ /mL
Fluid renewal	2 至 3 天更换一次
Freeze medium	无血清培养基 + 10% DMSO 溶液（无血清培养基）+ 10% DMSO 溶液（无血清培养基）+ 10% DMSO 溶液（无血清培养基），或 C
Thawing and Culturing Cells	- 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。 - 将细胞从培养瓶中取出，用无血清培养基清洗。加入 PBS 溶液，轻轻摇晃。加入 1-3 mL PBS，轻轻摇晃。加入 3 mL PBS，轻轻摇晃。
Incubation Atmosphere	37°C, 5% CO ₂ , 无血清培养基

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**Shipping
Conditions**

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C.

**Storage
Conditions**

Storage conditions: The product should be stored at -150 to -196 °C in a dry, dark environment.

Handling

Sterility

The product is sterile and suitable for PCR. It is not recommended to use the product for other applications. The product is not intended for use in clinical or diagnostic applications.