

Product sheet

DSL-6B-C2 | 500167

General Information

Description	DSL-6B/C2 is a cell line derived from a patient with a high-grade glioma. It is characterized by its high proliferation rate and its ability to form neurospheres. The cell line is maintained in DMEM/F12 supplemented with BDNF, EGF, and FGF2. It is a highly tumorigenic cell line that can be used for studying glioma biology and drug response.
Organism	Human
Tissue	Brain
Disease	High-grade glioma
Metastatic site	None
Synonyms	DSL-6B/C2, DSL6B/C2

Characteristics

Breed/Subspecies	Human
Age	Adult
Gender	Male
Morphology	Epithelial
Cell type	Neurosphere-forming
Growth properties	High proliferation rate

References and Safety

Citation	DSL-6B-C2 (Cytion 500167)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_4167

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
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6. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
7. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
8. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for 196 days.

HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.