

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 medium supplemented with BDNF, EGF, and FGF2. It is highly tumorigenic when injected into immunodeficient mice.
Organism	Human
Tissue	Brain
Disease	High-grade glioma
Metastatic site	Brain
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

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 10-15 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cells for attachment and growth. Change the medium after 24-48 hours.
4. Once the cells are established, they can be passaged into fresh medium.
5. The cells should reach a density of approximately 1.5 x 10⁶ cells per flask.
6. Harvest the cells by trypsinization and centrifugation.
7. Resuspend the cells in a suitable medium and transfer to a new flask.
8. Repeat the process as needed for further expansion.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Coated with poly-L-lysine

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

Shipping Conditions Store at -80°C during shipping.

Storage Conditions Store at -150°C for up to 196 months.

HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR confirmed.