

OLN-93 | 305848

Product Overview

Description	OLN-93 is a human brain cell line, derived from a patient with a brain tumor. It is a highly proliferative cell line that expresses various markers of brain tumor cells. mRNA can be analyzed by RT-PCR. OLN-93 cells express various markers of brain tumor cells, including GFAP, and can be used for various studies. OLN-93 cells are highly proliferative and can be used for various studies. They are also highly sensitive to various treatments, including chemotherapy and radiation therapy.
Organism	Human
Tissue	Brain
Synonyms	OLN93, OLN 93

Cell Culture

Age	10-15 years
Gender	Male
Cell type	Brain tumor cells
Growth properties	Highly proliferative

Genetic Information

Citation	OLN-93 (Cytion 305848)
NCBI_TaxID	10116
CellosaurusAccession	CVCL_5850

Genetic Information

Mutational profile	
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Genetic Information

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Culture Medium DMEM, 4.5 g/L glucose, 4 mM L-glutamine, 3.7 g/L NaHCO₃, 1.0 mM sodium pyruvate, 10% FBS

Supplements 10% FBS

Dissociation Reagent Accutase, 5 min, 37°C

Seeding density 1–3 × 10⁴ cells/cm²

Freeze medium 90% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly at 37°C, transfer to a tube containing 4 mL of pre-warmed complete medium, and mix gently.
2. Seed cells into a T25 flask containing 10 mL of complete medium.
3. Incubate cells at 37°C in 5% CO₂.
4. Once cells have reached confluence, remove the medium and replace with fresh complete medium.
5. Seed cells into a T25 flask containing 10 mL of complete medium.
6. Incubate cells at 37°C in 5% CO₂.
7. Once cells have reached confluence, remove the medium and replace with fresh complete medium.
8. Seed cells into a T25 flask containing 10 mL of complete medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Shipping Conditions 4°C

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