

HROG06 T0 M2 | 300883

General information

Description

HROG06 T0 M2 is a human glioblastoma cell line (GBM) derived from a patient with a primary brain tumor. It is a highly aggressive, invasive cell line that grows in the form of spheroids.

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HROG06 T0 M2 is a human glioblastoma cell line (GBM) derived from a patient with a primary brain tumor. It is a highly aggressive, invasive cell line that grows in the form of spheroids. It is highly resistant to many chemotherapeutic agents.

Organism

Human

Tissue

Brain

Disease

Glioblastoma

Characteristics

Ethnicity

European

Growth properties

Aggressive

Genetic information

Citation

HROG06 T0 M2 (Human Glioblastoma) Cytion 300883

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_B7FP

Cell line characteristics

Media

Culture Medium

DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM sodium pyruvate, w: 1.2 g/L NaHCO₃ 820400a)

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Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and seeded into new flasks. Cells are typically passaged every 3-5 days.

Freeze medium Cells are frozen in DMEM supplemented with 10% FBS, 10% DMSO, and 10% CM-1 (Cytion 800100).

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 5 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in DMEM supplemented with 10% FBS.
 5. Seed cells into a new flask.
 6. Incubate cells at 37°C in 5% CO₂.
 7. Monitor cell growth.
 8. Pass cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Cells are frozen in DMEM supplemented with 10% FBS, 10% DMSO, and 10% CM-1.

Shipping Conditions Cells are shipped at -78°C.

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Storage Conditions

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Sterility

Abstract

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