

Product sheet

IBRS-2 | 305212

IBRS-2

Description IBRS-2 is a cell line derived from a patient with a primary brain tumor. It is a highly proliferative, undifferentiated neuroepithelial cell line that grows in neurosphere-forming conditions. The cells are characterized by their ability to form neurospheres in the presence of neurosphere-forming factors (NDF) and their ability to differentiate into various cell types, including neurons, astrocytes, and oligodendrocytes. IBRS-2 cells are used for studying the biology of brain tumors and for testing potential therapeutic agents.

Organism Human

Tissue Brain

Synonyms IB-RS2, IBRS2, IB-RS2-Rim Suino-2

Characteristics

Age 3 months

Gender Male

Morphology Neuroepithelial

Growth properties Neurosphere-forming

References

Citation IBRS-2 (ATCC CRL-2978) | Cytion 305212

Biosafety level 1

NCBI_TaxID 9823

CellosaurusAccession CVCL_4528

Media and supplements

Medium

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM sodium pyruvate (Cytion 820300a)

IBRS-2 | 305212

Supplements 10% FBS

Dissociation Reagent

Subculturing

Fluid renewal

Freeze medium

Thawing and Culturing Cells

- 1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. ...

Incubation Atmosphere 37°C, 5% CO2

Flask Coating

Freezing Procedure

Shipping Conditions

Product sheet

IBRS-2 | 305212

Storage Conditions

Store at -150 to 196 °C. Do not freeze. Do not thaw. Do not use after expiration date.

HLA

Sterility

The product is sterile and ready for use. It is not intended for use in PCR. The product is not intended for use in PCR. The product is not intended for use in PCR.