

CBRH7919 | 305479

General information

Description	CBRH7919 is a cell line derived from a human embryo, established in 1979. It is a fibroblast cell line that has been widely used in research. CBRH7919 cells are characterized by their high proliferation rate and their ability to differentiate into various cell types. They are often used in studies related to cell growth, differentiation, and gene expression. CBRH7919 cells are sensitive to growth factors such as PDGF and FGF. They are also used in studies of the PI3K/Akt pathway, which is involved in cell growth and survival. CBRH7919 cells are typically grown in DMEM supplemented with 10% FBS. They are also used in studies of G1/S transition, which is a critical point in the cell cycle. CBRH7919 cells are also used in studies of CDK2, which is a key regulator of the cell cycle. CBRH7919 cells are a valuable tool for studying basic cell biology and for developing new therapies.
Organism	Human
Tissue	Embryo
Disease	Not applicable
Synonyms	CBRH-7919

Cell culture

Breed/Subspecies	Human
Age	Not applicable
Gender	Not applicable
Growth properties	High proliferation rate

Identification and safety

Citation	CBRH7919 (Cytion 305479)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_7176

Storage and handling

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Cell Line

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 20% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 2.0 mM β -mercaptoethanol and 2.0 g/L NaHCO₃ (Cytion 820700a) and 20% FBS. Cells are grown in T25, 35 mm dishes or 3 flasks. Cells are grown in 25 cm² flasks, 35 mm dishes or 3 flasks. Cells are grown in 25 cm² flasks, 35 mm dishes or 3 flasks.

Seeding density 2-4*10⁴/cm²

Freeze medium RPMI 1640 medium, 20% FBS, 10% DMSO (Cytion 820700a) + 10% DMSO (Cytion 820700a) + 10% DMSO (Cytion 820700a)

Thawing and Culturing Cells

1. Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 2.0 mM β -mercaptoethanol and 2.0 g/L NaHCO₃ (Cytion 820700a) and 20% FBS. Cells are grown in T25, 35 mm dishes or 3 flasks. Cells are grown in 25 cm² flasks, 35 mm dishes or 3 flasks. Cells are grown in 25 cm² flasks, 35 mm dishes or 3 flasks.
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Incubation Atmosphere 37°C, 5% CO₂, humidified

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Shipping
Conditions

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

Storage
Conditions

Storage conditions: Store at -150°C to -196°C in a liquid nitrogen container.

For information, see the following link:

Sterility

The product is sterile and ready for use in PCR applications. It is not recommended to use the product for other applications. For more information, see the following link: