

Product sheet

SK-N-BE(2) | 305058

General information

Description	SK-N-BE(2) is a neuroblastoma cell line derived from a 14-month-old child. It is a highly tumorigenic, undifferentiated neuroblastoma cell line that grows in suspension and forms neurospheres. It is characterized by its ability to differentiate into various neural lineages, including neurons, glial cells, and neuroendocrine cells. The cell line is maintained in DMEM/F12 medium supplemented with BDNF and other growth factors.
Organism	Human
Tissue	Neuroblastoma
Disease	Neuroblastoma
Metastatic site	SK-N-BE(2) cells are highly metastatic and can form neurospheres in various tissues, including the brain, liver, and lung.
Synonyms	SK-N-BE2, SK-N-BE-2, SKNBE(2), SKNBE-2, SKNBE2, SK-N-BE, SKNBE

Characteristics

Age	14 months
Gender	Male
Ethnicity	Unknown
Morphology	Neuroblastoma
Growth properties	SK-N-BE(2) cells are highly tumorigenic and form neurospheres in DMEM/F12 medium supplemented with BDNF and other growth factors.

References

Citation	SK-N-BE(2) (SK-N-BE(2) Cytion 305058)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0528

Additional information

Tumorigenic	Yes
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Culture Medium MEMEM F12 Ham 50:50 (Cytion: 820100a 820600a)

Supplements 10% FBS

Dissociation Reagent

Subculturing 15 min PBS (3-5 min)

Fluid renewal 2 3

Freeze medium CM-1 (Cytion 800100), 50% + 40% FBS + 10% DMSO

- 1. Thawing and Culturing Cells
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Incubation Atmosphere 37°C, 5% CO2

Flask Coating

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Freezing Procedure

Freeze the cells in a cryovial containing 100 µl of freezing medium. Store the cryovial at -78°C.

Shipping Conditions

Ship the cells at -78°C.

Storage Conditions

Store the cells at -150 to -196 °C in a cryovial.

HLA

Sterility

The cells are supplied in a sterile, cryoprotected medium. The medium contains 10% FBS and 100 µg/ml penicillin, 100 µg/ml streptomycin, and 100 µg/ml nystatin. The cells are tested for mycoplasma contamination and are found to be free of mycoplasma.