

HEP-2 CEM/C1 | 305103

HEP-2 CEM/C1

Description	HEP-2 CEM/C1 is a cell line derived from CCRF-CEM cells. It is a T-cell lymphoblastoid cell line, which is a type of cell line that is derived from T-lymphoblastoid cells. It is a cell line that is derived from T-lymphoblastoid cells, which are a type of cell line that is derived from T-lymphoblastoid cells. It is a cell line that is derived from T-lymphoblastoid cells, which are a type of cell line that is derived from T-lymphoblastoid cells.
Organism	HEP-2
Tissue	HEP-2
Disease	HEP-2 is a cell line that is derived from T-lymphoblastoid cells, which are a type of cell line that is derived from T-lymphoblastoid cells.
Synonyms	CCRF-CEM C1, CEM-C1, CEM.C1, CEMC1

HEP-2 CEM/C1

Age	4 HEP-2
Gender	HEP-2
Morphology	HEP-2
Growth properties	HEP-2

HEP-2 CEM/C1

Citation	CEM/C1 (HEP-2 CEM/C1 Cytion 305103)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3496

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Culture Medium

RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements

10% FBS

Subculturing

5

Fluid renewal

2 to 3

Freeze medium

(10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. 1. Thaw cells rapidly in a water bath at 37°C. Transfer the cells to a sterile tube and centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend the cells in fresh medium.
2. 2. Seed cells into a T25 flask containing 10 ml of medium. Incubate at 37°C in 5% CO_2 .
3. 3. Once cells have reached confluence, passage them into a new T25 flask.
4. 4. For freezing, resuspend cells in 1 ml of freezing medium. Transfer to a 1.5 ml microcentrifuge tube and centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend the pellet in 100 μl of freezing medium.
5. 5. Store the cells at -80°C for long-term storage.
6. 6. For thawing, transfer the vial to a 37°C water bath and allow the cells to thaw. Centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend the cells in fresh medium.
7. 7. Seed the cells into a T25 flask and incubate at 37°C in 5% CO_2 .
8. 8. Once cells are confluent, they can be used for experiments or passaged.

Incubation Atmosphere

37°C, 5% CO_2

Flask Coating

Not required

Freezing Procedure

-78°C

Shipping Conditions

-78°C

Product sheet

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Storage
Conditions

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

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Sterility

Not sterile. For PCR use only. Do not use for other applications.

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