

Product sheet

HEK293T CEM/C1 | 305103

HEK293T CEM/C1

Description HEK293T CEM/C1 is a derivative of the HEK293T cell line, which is a widely used cell line for the production of recombinant proteins. CEM/C1 is a T-lymphoblastoid cell line derived from a human T-lymphocyte. The combination of HEK293T and CEM/C1 provides a highly efficient system for the production of recombinant proteins, particularly those that require post-translational modifications.

Organism HEK293T

Tissue HEK293T

Disease HEK293T is a cell line derived from a human embryo kidney, and CEM/C1 is a T-lymphoblastoid cell line derived from a human T-lymphocyte.

Synonyms CCRF-CEM C1, CEM-C1, CEM.C1, CEMC1

HEK293T CEM/C1

Age 4 weeks

Gender Male

Morphology HEK293T

Growth properties HEK293T

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Citation CEM/C1 (HEK293T CEM/C1) Cytion 305103

Biosafety level 1

NCBI_TaxID 9606

CellSaurusAccession CVCL_3496

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

Supplements 10% FBS

Subculturing 1:5

Fluid renewal 2-3 times

Freeze medium DMEM, 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Dilute cells into pre-warmed complete medium.
 3. Seed cells into a T25 flask.
 4. Allow cells to recover for 24-48 hours.
 5. Monitor cell growth and confluency.
 6. Harvest cells when 70-80% confluent.
 7. Perform a cell count.
 8. Seed cells into a new flask.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure 1:10

Shipping Conditions -78°C

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Storage Conditions -150 196

HLA

Sterility