

Product sheet

CCRF-CEM-C7 | 300398

General Information

Description	CCRF-CEM-C7 is a cell line derived from CCRF-CEM, a human T-cell leukemia cell line. CCRF-CEM-C7 is a derivative of CCRF-CEM, characterized by the presence of the ALL1 gene. CCRF-CEM-C7 is a T-cell leukemia cell line, derived from a patient with acute leukemia. CCRF-CEM-C7 is a cell line derived from CCRF-CEM, a human T-cell leukemia cell line. CCRF-CEM-C7 is a derivative of CCRF-CEM, characterized by the presence of the ALL1 gene. CCRF-CEM-C7 is a T-cell leukemia cell line, derived from a patient with acute leukemia. CCRF-CEM-C7 is a cell line derived from CCRF-CEM, a human T-cell leukemia cell line. CCRF-CEM-C7 is a derivative of CCRF-CEM, characterized by the presence of the ALL1 gene. CCRF-CEM-C7 is a T-cell leukemia cell line, derived from a patient with acute leukemia.
Organism	Human
Tissue	Leukemia
Disease	Acute leukemia, T-cell leukemia
Synonyms	CCRF-CEM C7, CCRF/CEM-C7, CEM-C7, CEM C7, CEMC7, CEM 300398

Characteristics

Age	3 months - 11 months
Gender	Male
Ethnicity	Unknown
Growth properties	Adherent

References

Citation	CCRF-CEM-C7 (ATCC CCL-221) Cytion 300398
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6825

Additional Information

Notes

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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

Dissociation Reagent

Subculturing Cells are cultured in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol. Cells are grown in T25, 3-5 flasks in 3 flasks. Cells are harvested by trypsinization and centrifugation.

Freeze medium RPMI 1640 medium supplemented with 10% FBS and 10% DMSO (Cytion 820700a) + 10% DMSO (Cytion 820700a) + 10% FBS

- Thawing and Culturing Cells**
1. Cells are thawed in a 37°C water bath and centrifuged at 300 x g for 5 minutes.
 2. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.
 3. Cells are seeded into T25 flasks at a density of 1.5 x 10⁶ cells per flask.
 4. Cells are grown in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.
 5. Cells are harvested by trypsinization and centrifugation.
 6. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.
 7. Cells are seeded into T25 flasks at a density of 1.5 x 10⁶ cells per flask.
 8. Cells are grown in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating

Freezing Procedure

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196°C

HLA

Sterility

PCR