

CCRF-CEM-C7 | 300398

CCRF-CEM-C7

**Description** CCRF-CEM-C7 is a cell line derived from a patient with acute leukemia. It is characterized by its high growth rate and ability to differentiate into various cell types. The cell line is maintained in suspension culture and is widely used in research related to leukemia and hematopoiesis.

**Organism** Human

**Tissue** Hematopoietic

**Disease** Acute leukemia

**Synonyms** CCRF-CEM C7, CCRF/CEM-C7, CEM-C7, CEM C7, CEM C7, CEM CC7, CEM CC7, CEM CIM, CEM C7

CCRF-CEM-C7

**Age** 3 to 11 years

**Gender** Male

**Ethnicity** Caucasian

**Growth properties** Adherent

CCRF-CEM-C7

**Citation** CCRF-CEM-C7 (ATCC CCL 221) | 300398

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_6825

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**Culture Medium** RPMI 1640 2.0 2.0 / NaHCO3 (820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** PBS

**Freeze medium** (FBS) + 10% DMSO

- 1. ...
- 2. ... -150
- 3. ... 37
- 4. ... 70%
- 5. ... 15 ... 8
- 6. ... 300 x 3
- 7. ... 10
- 8. ...

**Incubation Atmosphere** 37

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

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**Storage  
Conditions**

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

**HLA**

**Sterility**

Not sterile. (PCR)

Not sterile. Do not use for cell culture.