

C33 A | 305072

General information

Description	C33 A is a human epithelial cell line derived from a 66 year old male patient with a primary tumor of the colon. The cells are characterized by their high growth rate and their ability to form colonies in soft agar. C33 A is a well-established cell line that is widely used in cancer research. C33 A is a human epithelial cell line derived from a 66 year old male patient with a primary tumor of the colon. The cells are characterized by their high growth rate and their ability to form colonies in soft agar. C33 A is a well-established cell line that is widely used in cancer research.
Organism	Human
Tissue	Colon
Disease	Colorectal cancer
Synonyms	C33A, C33a, C33-A, C-33-A, C-33A, C33

Cell characteristics

Age	66 years
Gender	Male
Morphology	Epithelial
Growth properties	High growth rate

Cell culture conditions

Citation	C33A (C33A) Cytion 305072
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1094

Protein expression

Protein expression	Protein expression: P53, Prb
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HEK293T C-33 A | 305072

Tumorigenic ☒

HEK293T

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (HEPES buffered serum free Cytion 820100a)

Supplements ☒ HEPES buffered serum free Cytion 10% FBS ☒ 1% NEAA

Dissociation Reagent ☒

Subculturing HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are grown in T25, 75, 175 or 250 cm² flasks. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.

Fluid renewal 2 to 3 times per week

Freeze medium HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are then resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.

Thawing and Culturing Cells

1. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
2. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
3. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
4. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
5. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
6. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
7. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.
8. HEK293T cells are grown in HEK293T flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.

Incubation Atmosphere 37°C, 5% CO₂, ☒

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-78°C

 -78°C

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