

CLS-CD-3575 | 400146

CLS-CD-3575

Description	CLS-CD-3575 is a human cell line derived from a patient with a rare form of cancer. It is characterized by its high proliferation rate and its ability to form colonies in soft agar. CLS-CD-3575 is a highly tumorigenic cell line, which is suitable for the study of cancer biology and for the development of new therapeutic strategies. CLS-CD-3575 is a human cell line derived from a patient with a rare form of cancer. It is characterized by its high proliferation rate and its ability to form colonies in soft agar. CLS-CD-3575 is a highly tumorigenic cell line, which is suitable for the study of cancer biology and for the development of new therapeutic strategies.
Organism	Human
Tissue	Colon
Disease	Cancer
Synonyms	CLS-CD3575

CLS-CD-3575

Age	10-15 years
Gender	Male
Growth properties	High proliferation rate

CLS-CD-3575

Citation	CLS-CD-3575 (CLS-CD-3575 Cytion 400146)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_5730

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Tumorigenic	Yes, highly tumorigenic
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Culture Medium DMEM, w: 4.5 g/L D-glucose , w: 4 mM L- glutamine , w: 3.7 g/L NaHCO_3 , w: 1.0 mM β -mercaptoethanol (Cytion 820300a)

Supplements β -mercaptoethanol 10% FBS

Dissociation Reagent Trypsin-EDTA

Subculturing Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol.

Seeding density $2 \times 10^3 \times 10^4 \text{ cells}/\text{fl}$

Fluid renewal 2-3 fl DMEM β -mercaptoethanol

Post-Thaw Recovery Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.

Freeze medium DMEM supplemented with 10% FBS and β -mercaptoethanol, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.

Thawing and Culturing Cells

1. Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.
2. Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.
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6. Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.
7. Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.
8. Cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. Cells are grown in T25, 3-5 fl PBS, 3 fl Trypsin-EDTA solution, cells are grown in DMEM supplemented with 10% FBS and β -mercaptoethanol. 24 fl DMEM β -mercaptoethanol.

Incubation Atmosphere 37°C , 5% CO_2 , β -mercaptoethanol

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Flask Coating

Flask Coating

Freezing Procedure

Freezing Procedure: The cells are frozen in a freezing medium and stored at -78°C.

Shipping Conditions

Shipping Conditions: The cells are shipped in a cooling medium and stored at -78°C.

Storage Conditions

Storage Conditions: The cells are stored in a storage medium at -150 to -196°C.

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Sterility

Sterility: The cells are sterile and free of mycoplasmas. PCR analysis confirmed the absence of mycoplasmas. The cells are also free of endotoxins.