

CFSC-8B | 305471

CFSC-8B

Description	CFSC-8B is a human embryonic stem (HSC) cell line derived from a human embryo. It is a pluripotent stem cell line that can differentiate into all three germ layers (ectoderm, mesoderm, and endoderm). CFSC-8B cells are characterized by their ability to self-renew and maintain pluripotency in the presence of specific growth factors. CFSC-8B cells are used for various applications, including drug discovery, regenerative medicine, and basic research on stem cell biology.
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Organism	Human
Tissue	Embryonic

CFSC-8B

Age	Unknown
Gender	Unknown
Cell type	Embryonic stem cells
Growth properties	Pluripotent

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Citation	CFSC-8B (Human Embryonic Stem Cell Line) Cytion: 305471
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_4U37

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Culture Medium	DMEM + 4.5 mM Glucose + 4 mM L-Glutamine + 3.7 mM NaHCO3 + 1.0 mM Sodium Butyrate (pH 7.2)
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Supplements	10% FBS
Dissociation Reagent	Trypsin
Seeding density	1-3*10 ⁴ /cm ²
Freeze medium	DMEM + 10% DMSO
Thawing and Culturing Cells	1. Thaw cells in a 37°C water bath. 2. Add 10% FBS to the medium. 3. Seed cells into a 25 cm² flask. 4. Incubate cells for 24-48 hours. 5. Change the medium. 6. Seed cells into a 96-well plate. 7. Incubate cells for 24-48 hours.
Incubation Atmosphere	37°C, 5% CO ₂
Shipping Conditions	Room temperature
Storage Conditions	-150 to -196 °C

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