

IM95m | 305557

Cell Line

Description	IM95m is a human embryonic kidney (HEK) cell line derived from a 63-year-old male. It is a stable transfectant of the HGF-VEGF gene, expressing high levels of HGF-VEGF. IM95m cells are used for the production of HGF-VEGF protein. IM95m cells are grown in DMEM/F12 medium supplemented with 10% FBS. IM95m cells are maintained at 37°C in 5% CO ₂ .
Organism	Human
Tissue	Kidney
Disease	None
Synonyms	IM95M, IM95 m, IM-95m

Cell Line Properties

Age	63 years
Gender	Male
Ethnicity	German
Morphology	Epithelial cells
Growth properties	Adherent

Cell Line Identification

Citation	IM95m (HEK293T) Cytion 305557
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2962

Cell Line Authentication

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IM95m

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM β -mercaptoethanol (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into 25 cm² flasks in DMEM + 10% FBS. When cells reach 80-90% confluency, trypsinize and seed into new flasks. For passage 3, seed 300xg.

Freeze medium DMEM + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath. Transfer cells to a 15 mL tube and centrifuge at 300 x g for 5 minutes. Remove supernatant and resuspend cells in 1 mL DMEM + 10% FBS. Seed cells into a 25 cm² flask.
2. Incubate cells in a 37°C incubator with 5% CO₂. Monitor cell growth and confluency.
3. When cells reach 80-90% confluency, trypsinize and seed into new flasks.
4. For passage 3, seed 300xg.
5. Incubate cells in a 37°C incubator with 5% CO₂. Monitor cell growth and confluency.
6. When cells reach 80-90% confluency, trypsinize and seed into new flasks.
7. For passage 3, seed 300xg.
8. Incubate cells in a 37°C incubator with 5% CO₂. Monitor cell growth and confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Shipping Conditions

Cells should be shipped at -78°C.

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Storage Conditions

[illegible]

Sterility

POLYMERASE CHAIN REACTION

[illegible]