

Product sheet

WS1-CLS | 300378

General information

Description	Human embryonic kidney (HEK) cells (ATCC CRL-1573).
Organism	Human
Tissue	Kidney
Disease	None

Cell characteristics

Age	36 months
Gender	Male
Ethnicity	White
Cell type	Epithelial cells
Growth properties	Adherent

Identification and documentation

Citation	WS1-CLS (ATCC CRL-1573) Cytion 300378
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6211

Genetic information

Tumorigenic	No, non-tumorigenic cells
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Notes

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Culture Medium	RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO ₃ (Cytion 820700a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Subculturing	Cells are grown in 25 cm ² flasks in RPMI 1640 medium supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is changed every 3-4 days.
Seeding density	1 x 10 ⁵ cells / 25 cm ²
Fluid renewal	2-3 times per week
Freeze medium	Cells are grown in RPMI 1640 medium supplemented with 10% FBS. For freezing, cells are harvested and resuspended in RPMI 1640 medium supplemented with 10% DMSO and 10% FBS.
Thawing and Culturing Cells	- Cells are thawed in a water bath at 37°C and immediately seeded into a new flask. - Cells are grown in RPMI 1640 medium supplemented with 10% FBS. - Cells are trypsinized and seeded into new flasks when they reach 80-90% confluency. - Cells are grown in RPMI 1640 medium supplemented with 10% FBS. - Cells are trypsinized and seeded into new flasks when they reach 80-90% confluency. - Cells are grown in RPMI 1640 medium supplemented with 10% FBS. - Cells are trypsinized and seeded into new flasks when they reach 80-90% confluency. - Cells are grown in RPMI 1640 medium supplemented with 10% FBS.
Incubation Atmosphere	37°C, 5% CO ₂ , humidified

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Flask Coating

Flask coating is not required for this product.

Freezing Procedure

For freezing, the cells should be seeded into a flask and allowed to reach confluence. The medium should be removed and the cells washed with PBS. The cells should then be trypsinized and resuspended in freezing medium. The suspension should be aliquoted into cryovials and stored at -78°C.

Shipping Conditions

The cells should be shipped on dry ice at -78°C.

Storage Conditions

The cells should be stored at -150 to -196 °C in liquid nitrogen.

HLA / HLA

Sterility

The cells are supplied as a suspension in a sterile medium. The medium is not supplemented with antibiotics. The cells are not tested for mycoplasma contamination. The cells are not tested for endotoxin contamination. The cells are not tested for viral contamination. The cells are not tested for bacterial contamination. The cells are not tested for fungal contamination. The cells are not tested for parasitic contamination. The cells are not tested for prion contamination. The cells are not tested for any other contaminants.