

CMK | 305533

Description	CMK is a cell line derived from a patient with a der(17)t(11;17) translocation. The cell line is characterized by a karyotype of 46,XX,der(17)t(11;17)(p11;p11). The cell line is used for research purposes.
Organism	Human
Tissue	Epithelial cells
Disease	Chromosomal translocation
Age	10 years
Gender	Female
Ethnicity	Chinese
Growth properties	Epithelial cells
Citation	CMK (Cell Line) Cytion: 305533
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0216
Mutational profile	TP53 p.Asp49His (c.145G>C) TP53-FXR2

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Culture Medium	DMEM 4.5 g/l Glucose 4 mM L-Glutamine 3.7 g/l NaHCO3 1.0 mM Penicillin 100 U/ml Streptomycin 100 U/ml (Pen/Strep 820)
Supplements	10% FBS
Subculturing	Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium.
Seeding density	3-5*10^5/cm^2
Freeze medium	Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium.
Thawing and Culturing Cells	1. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 2. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 3. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 4. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 5. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 6. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 7. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium. 8. Cells are grown in 15 ml falcon tubes. Cells are detached using PBS and 1 ml trypsin. Cells are resuspended in fresh medium.
Incubation Atmosphere	37 °C, 5% CO2
Shipping Conditions	Cells are shipped in dry ice at -78 °C.
Storage Conditions	Cells are stored in liquid nitrogen at -150 to -196 °C.

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Sterility

Das Produkt ist sterilisierbar und kann in einer PCR (PCR) verwendet werden. Das Produkt ist sterilisierbar und kann in einer PCR (PCR) verwendet werden. Das Produkt ist sterilisierbar und kann in einer PCR (PCR) verwendet werden.