

Product sheet

HCC1395 | 305546

General Information

Description	HCC1395 is a cell line derived from a patient with TNBC. HCC1395 is a cell line derived from a patient with TNBC. HCC1395 is a cell line derived from a patient with TNBC.
Organism	Human
Tissue	Breast
Disease	TNBC
Synonyms	HCC-1395, SCC-1395, HCC1395

Characteristics

Age	43 years
Gender	Female
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent

Additional Information

Citation	HCC1395 (ATCC CCL-1395) Cytion 305546
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1249

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Cell Line

Protein expression EGFR2 (EGP2), ERBB2 19

Oncogenes Her2/neu-, p53+

Mutational profile TP53, p.Arg175His (c.524G>A), ERBB2

Media

Culture Medium RPMI 1640, w: 4.5 g/L Glucose, w: 2 mM L-Glutamine, w: 10 mM HEPES, w: 1 mM Sodium Pyruvate, w: 1.5 g/L NaHCO3 (820702a)

Supplements FBS 10%

Dissociation Reagent Trypsin

Subculturing Seed into T25, T75 flasks in 3-5 ml PBS, 300xg 3 min. Wash cells with PBS, then resuspend in fresh medium.

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640 + 10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 10 ml of pre-warmed medium.
4. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere.
5. Monitor the cell growth and confluency. Once the cells reach 70-80% confluency, they can be passaged.
6. For passaging, trypsinize the cells and resuspend them in 1 ml of medium.
7. Seed the cells into a new T25 flask containing 10 ml of pre-warmed medium.
8. Continue to culture the cells under the same conditions as described above.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Freezing Procedure

Resuspend the cells in 1 ml of freezing medium and transfer to a cryovial. Store at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

Store at -150°C for up to 196 months.

Genotype / **HLA**

Sterility

PCR confirmed negative for mycoplasma contamination. Sterility tested by PCR.