

Product sheet

DU-145 | 300168

DU-145

Description
DU145 is a human prostate cancer cell line. It is a highly metastatic, androgen-independent cell line. DU145 cells are characterized by their ability to grow in the absence of androgens. The cell line was established from a primary tumor of a 69-year-old male patient. DU145 cells are highly tumorigenic in nude mice and are used as a model for studying prostate cancer biology and drug response. DU145 cells are highly sensitive to androgen deprivation therapy (ADT) and are used to study the mechanisms of resistance to ADT. DU145 cells are also used to study the role of androgen receptors in prostate cancer progression. DU145 cells are highly metastatic and are used to study the mechanisms of metastasis in prostate cancer. DU145 cells are highly sensitive to docetaxel and are used to study the mechanisms of resistance to docetaxel. DU145 cells are also used to study the role of androgen receptors in prostate cancer progression. DU145 cells are highly metastatic and are used to study the mechanisms of metastasis in prostate cancer. DU145 cells are highly sensitive to docetaxel and are used to study the mechanisms of resistance to docetaxel. DU145 cells are also used to study the role of androgen receptors in prostate cancer progression.

Organism Human

Tissue Prostate

Disease Prostate cancer

Metastatic site Bone, lymph nodes, lung, brain

Synonyms DU145, Du-145, DU-145, DU_145, DU_145, DU.145, DU145

Cell Culture

Age 69 years

Gender Male

Morphology Epithelial

Growth properties Androgen-independent

References

Citation DU-145 (ATCC CRL-11370) | 300168

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0105

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

[Redacted] / [Redacted] / HLA

Sterility [Redacted]

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XXXXXXXX HLA

A*: '03:21N, '33:03:01

B*: '50:01:01, '57:01:01

C*: '06:02:01

DRB1*: '01:01:01, '07:01:01

DQA1*: '01:01:01, '02:01:01

DQB1*: '03:03:02, '05:01:01

DPB1*: '04:01:01

E: '01:01:01, '01:09