

Product sheet

HNO41 | 300126

General Information

Description HNO41 is a cell line derived from a patient with colorectal adenocarcinoma (HNSCC). It is a highly proliferative cell line that grows in the presence of 10% fetal bovine serum (FBS) in DMEM medium. HNO41 cells are characterized by their ability to form colonies in soft agar and their resistance to anoikis. HNO41 cells are highly tumorigenic in nude mice and form large, well-differentiated adenocarcinomas.

Organism Human

Tissue Colon

Disease Colorectal adenocarcinoma (HNSCC)

Characteristics

Age 52 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial cells

Growth properties Adherent, 10% FBS, DMEM

References

Citation HNO41 (Cell Line) | Cytion 300126

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_D224

Additional Information

Notes

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

Supplements β -glucuronidase 10% FBS

Dissociation Reagent β -glucuronidase

Subculturing β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS, β -glucuronidase T25, β -glucuronidase 3-5 β -PBS, β -glucuronidase 3 β -glucuronidase, β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS.

Fluid renewal 2 β 3 β -glucuronidase

Freeze medium β -glucuronidase cells, β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS + 10% DMSO (Cytion 820300a) + 10% FBS.

- Thawing and Culturing Cells**
1. β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS, β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS.
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 7. β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS, β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS.
 8. β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS, β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, β -glucuronidase

Flask Coating β -glucuronidase cells, β -glucuronidase cells are cultured in β -PBS (Cytion 820300a) + 10% FBS.

