

Product sheet

HCT116-Luc | 305787

Description

HCT 116-Luc *Phorbol 12-myristate 13-acetate*
HCT 116 DNA TP53 KRAS p.Gly13Asp PIK3CA p.His1045Lys
CDKN2A EP300 BRCA2 PPM1D

Organism

Tissue

Disease

Age 48

Gender

Ethnicity

Morphology

Growth properties

Citation HCT116-Luc Cytion 305787

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_C8WT

GMO Status GMO-S1 Luc2 1–5 µg/mL

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Antigen expression

Luc2

Mutational profilep.Lys437Argfs*5
p.Gly13Aspp.Ile2675Aspfs*6
p.His1047Argp.Arg24Serfs*20
p.Leu450Terp.Ser45del
p.Lys128Serfs*35

p.Met1470Cysfs*22

Culture MediumMcCoy's 5a w 3.0 / w w 2.0 w 2.2 / NaHCO₃ Cytion 820200a**Supplements**

10% FBS

Dissociation Reagent

Accutase

Seeding density1-3×10⁴/cm²**Freeze medium**

FBS +10% DMSO CM-1 Cytion 800100

CM-1 Cytion 800100

Thawing and Culturing Cells

1.

2.

-150°C

3

3.

37°C

40-60

4.

70%

5.

8

15

6.

300 x g 3

7.

10

T25

T25

8.

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**Incubation
Atmosphere** 37°C, 5%_{CO2}

**Shipping
Conditions** -78 °C

**Storage
Conditions** -150 -196 -80 °C

Sterility PCR