

NCI-H596 | 305277

Description	NCI-H596		
	NCI-H596	KRAS	TP53

NCI-H

Organism

Tissue

Disease

Synonyms	H596 H-596 NCI-HUT-596 NCIH596
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Age	73
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Gender

Ethnicity

Morphology

Growth properties

Citation	NCI-H596 Cytion 305277
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_1571
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Tumorigenic

Mutational profile PIK3CA p.Glu545Lys (c.1633G>A) RB1 p.Ser182fs*3 (c.541_542insT) TP53 p.Gly245Cys (c.733G>T)

Culture Medium RPMI 1640 2.0 mM 2.0 g/L NaHCO₃ Cytion 820700a

Supplements 10% FBS

Dissociation Reagent Accutase

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75

Fluid renewal 2 3

Freeze medium FBS + 10% DMSO 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 °C -80 °C

Sterility PCR