

HROG06 | 300933

Description - 2006 CRC

Organism

Tissue L

Disease IV

Age 53

Gender

Ethnicity

Morphology

Growth properties

Citation HROG06 Cytion 300933

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_4U41

Antigen expression HLA-A02 +, MHC class I -+MHC class II - +, Beta-microglobulin +, HLA-E +, HLA-G +, , MIC A +, MIC-B -, ICAM-1 +, GFAP +, nestin +, vimentin +, S-100 +, GBM +, BTSC +

Mutational profile IDH1 2 wt TP53R273H R306* 4q12 PDGFRA K-Ras wt B-RAFwt PTEN 126 +1

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Culture Medium	DMEM:Ham's F12 1:1	w: 3.1 g/L	w: 2.5 mM L-	w: 15 mM HEPES	w: 0.5 mM	w: 1.2 g/L NaHCO3	Cytion	8
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Supplements	10% FBS
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Dissociation Reagent	Accutase
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Doubling time	57	59
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Seeding density	1×10^4	/
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Fluid renewal	3	5
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Freeze medium	50%	+ 40% FBS + 10% DMSO	CM-1	Cytion	800100
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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}

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ **/HLA**

Sterility PCR

HLA
A*: '01:01:01, '03:01:01
B*: '08:01:01, '35:01:01
C*: '04:01:01, '07:01:01
DRB1*: '01:01:01, '13:02:01
DQA1*: '01:01:01, '01:02:01
DQB1*: '05:01:01, '06:04:01
DPB1*: '03:01:01, '04:02:01
E: '01:01, '01:06