

HROG05 | 300940

Description - 2006 CRC

Organism

Tissue L

Disease IV

Age 60

Gender

Ethnicity

Morphology

Growth properties

Citation HROG05 Cytion 300940

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_4U40

Antigen expression HLA-A02+, MHC class I - +MHC class II -, ICAM-1 + Beta-microglobulin +, Beta-2-M+, HLA-E+, HLA-G low, , MIC A low, MIC-B -, GFAP+ , nestin +, vimentin +, S-100+, GBM+, BTSC+

Mutational profile IDH1 2 wt TP53wt K-Ras G12D B-RAFwt 4q12 PDGFRA PTEN P169S/del 212-229

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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	44	48
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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