

HROG05 | 300940

Description	-	2006	CRC
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Organism

Tissue	L
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Disease	IV
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Age	60
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Gender**Ethnicity****Morphology****Growth properties**

Citation	HROG05 Cytion	300940
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_4U40
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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+
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Mutational profile	IDH 1 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				
Supplements	10% FBS												
Dissociation Reagent	Accutase												
Doubling time	44	48											
Subculturing			PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
Seeding density	1 × 10 ⁴ /												
Fluid renewal	3	5											
Freeze medium		50%	+ 40% 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,

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions	-78 °C
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Storage Conditions	-150	-196	-80 °C
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Sterility PCR