

**HROG13 | 300936**

**Description** - 2006 CRC

**Organism**

**Tissue** R

**Disease** IV

**Age** 77

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** HROG13 Cytion 300936

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_4U44

**Antigen expression** HLA-A02 +  $\beta$ - + HLA-E - HLA-G - MIC A - MIC-B - ICAM-1+ GFAP+ nestin+ vimentin+ S-100+ GBM+ BTSC +

**Mutational profile** TP53 wt, PTENwt, chr.7 amplified , chr.10 , 9p21.3 CDKN2A

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<b>Culture Medium</b>	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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<b>Supplements</b>	10% FBS
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<b>Dissociation Reagent</b>	Accutase
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<b>Subculturing</b>	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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<b>Seeding density</b>	$1 \times 10^4$	/
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<b>Fluid renewal</b>	3	5
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<b>Freeze medium</b>	50%	+ 40% FBS + 10% DMSO	CM-1	Cytion	800100
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<b>Thawing and Culturing Cells</b>	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.					

<b>Incubation Atmosphere</b>	37°C, 5% CO2
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**Flask Coating**

**Freezing Procedure**

-78 °C

**Shipping Conditions**

-78 °C

**Storage Conditions**

-150 -196 -80 °C

/ /HLA

**Sterility**

PCR

**HLA**

**A\***: '02:01:01  
**B\***: '15:01:01, '44:02:01  
**C\***: '03:03:01, '05:01:01  
**DRB1\***: '04:01:01, '13:01:01  
**DQA1\***: '01:03:01, '03:03:01  
**DQB1\***: '03:01:01, '06:03:01  
**DPB1\***: '01:01:01, '19:01:01  
**E**: '01:01, '01:03