

HROG02 | 300931

Description 2006 Michael Linnebacher PD Dr.

Organism

Tissue R

Disease

Age 68

Gender

Ethnicity

Morphology

Growth properties

Citation HROG02 Cytion 300931

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_4U38

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

Mutational profile IDH 1 2 TP53R248Q 4q12(PDGFR) K-Ras B-RAF PTEN-

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Culture Medium	DMEM Ham's F12 1:1	3.1 g/L	2.5 mM L-	15 mM HEPES w: 0.5 mM	w: 1.2 g/L NaHCO ₃	Cytion				
Supplements	10%	FBS								
Dissociation Reagent	Accutase									
Doubling time	36	54								
Subculturing		PBS	T25	3-5	PBS T75	5-10	Accutase	T25	1-2	T75
Seeding density	1 × 10 ⁴ /cm ²									
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

**Shipping
Conditions** -78 °C

**Storage
Conditions** -150 -196 °C -80 °C

Sterility PCR