

**Calu-6 | 300135**

<b>Description</b>	Calu-6	NSCLC	61	1975	Calu-6
	Calu-6	KRAS	NSCLC		

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** Calu-6 CALU-6 Calu.6 Calu 6 Calu6 CALU6 CaLu-06

**Age** 61

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** Calu-6 Cytion 300135

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0236

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<b>Protein expression</b>	P53															
<b>Isoenzymes</b>	Me-2	1	PGM3	1	PGM1	2	ES-D	1	AK-1	1	GLO-1	2	G6PD	B	0.0031	
<b>Tumorigenic</b>																
<b>Mutational profile</b>	CaLu-6	KRAS	61	c.181C>A	p.(Gln61Lys)	BRAF	NRAS									
<b>Karyotype</b>	2S	5.8%	59	S	14	QM	Y									
<b>Culture Medium</b>	EMEM	MEM	Eagle	w	2 mM	L-	w	2.2 g/L	NaHCO3	w	EBSS	Cytion	820100a			
<b>Supplements</b>	10%	FBS	1%	NEAA												
<b>Dissociation Reagent</b>	Accutase															
<b>Subculturing</b>				PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5		
<b>Seeding density</b>	$2 \times 10^4$	/cm <sup>2</sup>	4	90%												
<b>Fluid renewal</b>	2	3														
<b>Post-Thaw Recovery</b>	<sup>4</sup>	$5 \times 10$	48													
<b>Freeze medium</b>	FBS	+10%	DMSO	CM-1	Cytion	800100	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.				

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

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

/ /HLA

**Sterility** PCR

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**HLA**

**A\***: '01:01:01

**B\***: '08:01:01

**C\***: '07:01:01

**DRB1\***: '03:01:01

**DQA1\***: '05:01:01

**DQB1\***: '02:01:01

**DPB1\***: '02:01:02

**E**: '01:01:01