

Wilms1 | 300411

Description	Wilms1	Wilms	Wilms	WT1	c.149 C>A
	Wilms1				
	Wilms1		Wilms1	β	MAPK

Organism

Tissue

Applications

Synonyms	Wilms1-2l
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Age	2
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Gender

Ethnicity

Morphology

Cell type	Wilms
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Growth properties

Citation	Wilms1 Cytion 300411
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_A5SC
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Receptors expressed	EphA7	α	1	β	AxL						
Tumorigenic	Wilms		Wilm	E. Kuncce Stroup	2017						
Viruses	HIV-1:	HBV:	HCV:								
Mutational profile	WT1	c. 149 C>A, p.S50x, LOH: 11p11-11pter, CTNNB1			TCT>TTT, p.S45F						
Karyotype	46										
Culture Medium	MSCGM										
Dissociation Reagent	Accutase										
Doubling time	24										
Subculturing		PBS	T25	3-5	PBS T75	5-10	Accutase	T25	1-2	T75	2.5
Seeding density	1 × 10 ⁴	/									
Fluid renewal	1	2									
Post-Thaw Recovery											
Freeze medium	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% CO₂

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*: '03:01:01, '24:02:01

B*: '35:03:01, '38:01:01

C*: '12:03:01

DRB1*: '07:01:01, '14:54:01

DQA1*: '01:04:01, '02:01:01

DQB1*: '02:02:01, '05:03:01

DPB1*: '02:01:02G '04:02:01G

E: '01:03:01, '01:03:02