

MLE-12 | 305314

Description	MLE-12	C SP-C	40 SV40		
	MLE-12		MLE-12	ATP	
	MLE-12				SP-C

Organism

Tissue	
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Disease

Synonyms	MLE 12, MLE12, Murine Lung Epithelial-12
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Breed/Subspecies	FVB/N-Tg(SFTPC-TAG)5.1Jaw
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Age 5

Gender	
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Morphology

Cell type	
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Growth properties

Citation	MLE-12 Cytion	305314
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_3751

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GMO Status	GMO-S1	MLE-12	SV40 T-
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Protein expression	B C SP-B SP-C
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Tumorigenic

Viruses	40 SV40
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Culture Medium	DMEM w 4.5g/L	w 4mM L-	w 3.7g/L NaHCO3	w 1.0mM	Cytion 820300a
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Supplements 10% FBS

Dissociation Reagent	
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Subculturing PBS T25 3-5ml T75 5-10ml PBS T25 1-2m

Fluid renewal	2
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Freeze medium FBS 10 DMSO CM-1

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Thawing and Culturing Cells				
1.				
2.		-150		3
3.		37		40 60
4.	70			
5.		8ml	15ml	
6.	300 x g 3			
7.	10ml		2 T25	
8.				

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR