

MDCK-SIAT1 | 602281

Description	MDCK-SIAT1	-	(MDCK)	2,6-	(SIAT1)	α -2,6		
	MDCK-SIAT1			NAIs	α -2,6-	MDCK-SIAT1	NAIs	MDCK

Organism

Tissue

Breed/Subspecies

Age

Gender

Morphology

Growth properties

Citation	MDCK-SIAT1 Cytion	602281
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Biosafety level	2
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NCBI_TaxID	9615
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CellosaurusAccession	CVCL_Z936
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GMO Status	GMO-S1	MDCK-SIAT1	2,6-ialyltransferase SIAT1	pcDNA3.1GS	sialylation
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Protein expression	ST6 β -	α -2,6-	1 (ST6GAL1, SIAT1)
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Culture Medium	DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0	Cytion 820300a
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Supplements	10% FBS 1mg/ml G418
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Dissociation Reagent	Accutase
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Doubling time	21 31
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Subculturing	PBS T25 3-5 PBS T75 5-10	Accutase T25 1-2 T75 2.5
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Seeding density	2 4x10 ⁴ /
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Fluid renewal	2 3
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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.		

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**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