

Product sheet

MDCK-SIAT1 | 602281

General Information

**Description** MDCK-SIAT1 (MDCK) (NAIs)

**Organism**

**Tissue**

Characteristics

**Breed/Subspecies**

**Age**

**Gender**

**Morphology**

**Growth properties**

Identification

**Citation** MDCK-SIAT1 (602281)

**Biosafety level** 2

**NCBI\_TaxID** 9615

**CellosaurusAccession** CVCL\_Z936

**GMO Status** GMO-S1: (MDCK-SIAT1) pcDNA3.1GS 2G-

Production

**Protein expression** ST6-2G-1 (ST6GAL1 SIAT1)

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**Cell Line**

**Culture Medium** DMEM 4.5 g/l, 4 mM, 3.7 g/l, 1.0 mM (82)

**Supplements** 10% FBS, 1 G418

**Dissociation Reagent**

**Doubling time** 21, 31

**Subculturing** PBS

**Seeding density** 2 x 10<sup>4</sup> - 4 x 10<sup>5</sup>

**Fluid renewal** 2 - 3

**Freeze medium** (10% FBS) + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Wash cells with PBS.
4. Resuspend cells in 70% DMEM.
5. Seed cells into a 15 cm tissue culture flask.
6. Seed cells into a 300 x 3 mm tissue culture flask.
7. Seed cells into a 10 cm tissue culture flask.
8. Seed cells into a 60 mm tissue culture flask.

