

Product sheet

AtT-20 | 305161

DESCRIPTION

Description
AtT-20 is a transgenic Arabidopsis thaliana line containing a single copy of the AtT-20 transgene. The transgene is under the control of the 35S promoter and encodes a protein that is expressed in all tissues. The transgene is flanked by loxP sites and can be removed by Cre recombinase. The transgene is located on chromosome 1 and has a size of 1.2 kb. The transgene is named AtT-20 because it is derived from the AtT-20 transgene in the Arabidopsis thaliana genome. The transgene is named 305161 because it is the accession number of the transgene in the Arabidopsis thaliana genome database.

Organism Arabidopsis thaliana

Tissue All tissues

Disease No disease associated

Synonyms AtT20, AtT 20, ATT 20, ATT 20

GENETICS

Breed/Subspecies LAF1

Morphology No morphological changes

Growth properties No growth changes

IDENTIFICATION

Citation AtT-20 (Arabidopsis thaliana genome database 305161)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_2300

PROTEIN EXPRESSION

Protein expression The protein is expressed in all tissues and is detected by Western blot analysis. The protein is named AtT-20 because it is derived from the AtT-20 transgene in the Arabidopsis thaliana genome. The protein is named 305161 because it is the accession number of the protein in the Arabidopsis thaliana genome database.

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General Information

Culture Medium DMEM F12K 2.0 2.0 2.5 NaHCO₃ (8)

Supplements 2.5% FBS 1.5%

Dissociation Reagent

Subculturing 5 5 6 5 × 10

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 × g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in DMEM F12K with 2.5% FBS and 1.5% supplements.
 5. Seed cells into a 24-well plate at a density of 5 × 10⁵ cells per well.
 6. Incubate cells for 24 hours.
 7. Refresh medium.
 8. Harvest cells for analysis.

Incubation Atmosphere 37°C 5% CO₂

Flask Coating

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Freezing Procedure

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Shipping Conditions

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Storage Conditions

... -150 ° -196 ° ...

... / ... / HLA

Sterility

... (PCR) ...
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