

Product sheet

AtT-20 | 305161

Description					
AtT-20	AtT-20/D16v-F2				
AtT-20	--	POMC	CRH		
AtT-20	cAMP			HPA	

Organism

Tissue

Disease

Synonyms	AtT20, AtT 20, ATT-20
----------	-----------------------

Breed/Subspecies	LAF1
------------------	------

Morphology

Growth properties

Citation	AtT-20	Cytion	305161
----------	--------	--------	--------

Biosafety level 1

NCBI_TaxID	10090
------------	-------

CellosaurusAccession CVCL_2300

Protein expression	Acth
--------------------	------

AtT-20 | 305161

Culture Medium	Ham's F12K	w 2.0 mM L-	w 2.0 mM	w 2.5 g/L NaHCO3	Cytion	820608a
-----------------------	------------	-------------	----------	------------------	--------	---------

Supplements	2.5% FBS	15%
--------------------	----------	-----

Dissociation Reagent	Accutase
-----------------------------	----------

	5	5	6		
Subculturing	/	1×10	/	3×10	5×10

Fluid renewal 2 3

Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
---------------	---------------	-------------	--------	-------------	--------

Thawing and Culturing Cells

```
graph TD; 1[1. Thaw cells in a 37°C water bath] --> 2[2. Transfer cells to a 15 mL centrifuge tube]; 2 --> 3[3. Centrifuge at 300 x g for 3 minutes]; 3 --> 4[4. Remove supernatant]; 4 --> 5[5. Resuspend cells in 8 mL of medium]; 5 --> 6[6. Seed cells into T25 flasks]; 6 --> 7[7. Incubate at 37°C in 5% CO2]; 7 --> 8[8. Monitor cell growth];
```

1. Thaw cells in a 37°C water bath

2. Transfer cells to a 15 mL centrifuge tube

3. Centrifuge at 300 x g for 3 minutes

4. Remove supernatant

5. Resuspend cells in 8 mL of medium

6. Seed cells into T25 flasks

7. Incubate at 37°C in 5% CO₂

8. Monitor cell growth

Incubation Atmosphere	37°C, 5% CO ₂
------------------------------	--------------------------

Flask Coating

Product sheet

AtT-20 | 305161

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR