

Product sheet

AS-30D | 500116

AS-30D

Description	AS-30D
Organism	Human
Tissue	Adipose
Disease	Obesity
Synonyms	A-S-30D, AS30D

AS-30D

Age	16 years
Gender	Male
Morphology	Adipocytes, preadipocytes, fibroblasts
Growth properties	Adipogenic

AS-30D

Citation	AS-30D (Cytion 500116)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_1949

AS-30D

Tumorigenic	Yes, Sprague-Dawley
Viruses	RAP: Adenovirus
Karyotype	46, XY, 12% trisomy 21, 38 (35-41).

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Doubling time 26 hours

Subculturing 1:5

Seeding density 1×10^6 cells

Fluid renewal 3-5 days

Post-Thaw Recovery 24 hours

Freeze medium (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. Resuspend cells in 15 ml of culture medium.
 4. Seed cells into a T25 flask at a density of 1×10^6 cells.
 5. Incubate cells in a humidified CO₂ incubator at 37°C.
 6. Monitor cell growth and confluency.
 7. Perform subculturing when cells reach 70-80% confluency.
 8. Harvest cells for downstream applications.

