

3T3-L1 | 400107

3T3-L1

Description	3T3-L1 is a cell line derived from 3T3 cells, which are a derivative of mouse embryonic fibroblasts. 3T3-L1 cells are characterized by their ability to differentiate into adipocytes. They are commonly used in research on obesity, diabetes, and other metabolic disorders. 3T3-L1 cells are typically grown in the presence of insulin, transferrin, and selenium (ITS) medium. They are also known for their ability to form lipid droplets, which are characteristic of adipocytes. 3T3-L1 cells are often used to study the effects of various treatments on adipogenesis and lipid metabolism.
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Organism	Mouse
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Tissue	Adipose tissue
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Metastatic site	Not applicable (3T3-L1 is a primary cell line, not a metastatic model)
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Applications	3T3-L1 is used for studying adipogenesis, lipid metabolism, and the effects of various treatments on these processes. It is also used in research on obesity, diabetes, and other metabolic disorders.
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Synonyms	3T3 L1, 3T3L1, 3T3-L1 ad, NIH-3T3-L1, NIH3T3-L1
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3T3-L1

Breed/Subspecies	Mouse (C57BL/6J)
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Age	Adult
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Gender	Male
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Morphology	Adipocytes
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Cell type	Adipocytes / Fibroblasts (3T3-L1)
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Growth properties	Adipogenic
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Citation	3T3-L1 (Cytion 400107)
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Sterility

Das Produkt ist steril und kann für PCR-Analysen verwendet werden.

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