

Product datasheet

C2C12 nuclear extract lysate ab14639

Overview

Product name	C2C12 nuclear extract lysate
General notes	Cell line: C2C12 (Mouse myoblast). We recommend aliquoting the extracts into single use fractions and then storing.

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Background	C2C12 cells were originally obtained by Yaffe and Saxel (1977) through selective serial passage of myoblasts cultured from the thigh muscle of C3H mice 70 h after a crush injury. These cells were shown to be capable of differentiation. C2C12 cells are a useful model to study the differentiation of non-muscle cells to skeletal muscle cells (e.g myosin phosphorylation mechanisms) and express muscle proteins and the androgen receptor (AR).

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