

Product datasheet

MCF7 nuclear extract lysate (H2O2 post treated) ab14863

[1 Image](#)

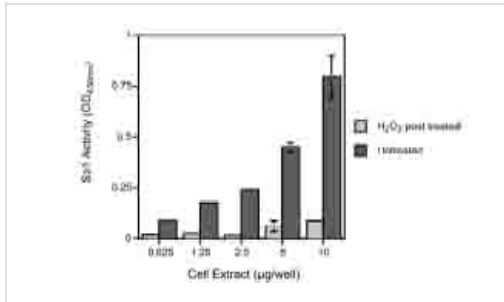
Overview

Product name	MCF7 nuclear extract lysate (H2O2 post treated)
General notes	Post-collection treatment consists in exposing the nuclear extract to a final concentration of 200 mM H2O2 for 20 min on ice. The protein content has been determined by a Bradford-based assay.

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.50 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Background	MCF-7 cells are a well-characterized estrogen receptor (ER) positive control cell line (cells are positive for cytoplasmic estrogen receptors) and therefore are a useful in vitro model of breast cancer to study the role of estrogen in breast cancer. Cells are also positive for cytokeratin and negative for desmin , endothelin , GFAP , neurofilament, vimentin.

Images



Functional Studies - MCF7 nuclear extract lysate
(H₂O₂ post treated) (ab14863)

Each lot has been tested for Sp1 activity by using the TransAM™ Sp1 Kit. The signal intensity for Sp1 activity in each lot is compared to the signal intensity obtained with H₂O₂-post treated extracts from MCF-7 cells. Once the signals are blanked, the ratio between the signals from untreated extracts over treated extracts used at 5 µg/well must be above 4.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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