CREATIVE BIOMART®
Assay Kit

Nuclear/Cytosol Fractionation Kit

Product Information

Cat.No. Kit-0636

Product Overview

Nuclear/Cytosol Fractionation Kit is used for separating of nuclear extract from the cytoplasmic fraction of mammalian cells.

Description

This Nuclear/Cytosol Extraction Kit provides a complete system that enables the separation of nuclear extract from the cytoplasmic fraction of mammalian cells. The optimized reagents and procedures provided with the kit allow separation of nuclear and cytoplasmic fractions quickly with little or no cross-contaminations. The extracted nuclear and cytoplasmic protein fractions are functional and compatible with downstream assays such as transcriptional activity, RNA splicing, gel shift assay, reporter assays, enzyme activity assays, and Western blotting.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store the kit at -20°C.

Kit Components

Cytosol Extraction Buffer A (CEB-A). Cap code: WM. 5 mlCytosol Extraction Buffer B (CEB-B). Cap code: green. 300 2lNuclear Extraction Buffer A (NEB). Cap code: NM. 2.5 mlDTT (1 M). Cap code: blue. 100 µlProtease Inhibitor Cocktail. Cap code: red. 1 vial

Compatible Sample Types

Cell Culture, Tissue

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