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# **MCF-7 Lysate**

Catalog Number: ATGL0009

#### **PRODUCT INFORMATION**

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ATGL0009

#### PRODUCT SPECIFICATION

#### Concentration

2mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. SDS-PAGE Sample Buffer (0.12M Tris-HCl buffer pH6.8, 0.4% SDS, 5% glycerol, 1% beta-mercaptoethanol, 0.02% Bromophenol blue)

#### **Storage**

Aliquot the lysate into single tube and then storing them -80C or below. Avoid repeated freezing and thawing cycles.

## Preparation before usage

Heat lysate to 95C for 5 minutes and rapidly cooling before use.

#### **General description**

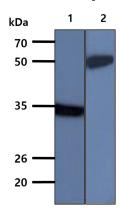
MCF-7 cells are breast cancer cell line isolated in 1970 from a 69 year old woman, in 1970s. MCF-7 cells are a well characterized estrogen receptor (ER) positive control cell line (cells are positive for cytoplasmic estrogen receptors) and therefore are a useful in vitro model of breast cancer to study the role of estrogen in breast cancer. Cells are also positive for cytokeratin and negative for desmin, endothelin, GFAP, neurofilament, vimentin.

#### **Quality Control**

Western Blot analyzed by both GAPDH and Beta tubulin antibody

### **DATA**

### Western blot analysis (WB)



All lanes: MCF-7 Whole Cell Lysate (40ug)

Lane 1. : Anti-GAPDH antibody (ATGA0181)
Lane 2. : Anti-Beta tubulin antibody (ATGA0196)

