Human Breast Adenocarcinoma MCF7 Whole Cell Lysate

Cat. No. MCF7-001WCY **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MCF7 (Human Breast Adenocarcinoma) Whole Cell Lysate
Species	Human
Source	Breast
Description	MCF-7 is a human breast cancer cell line which was first isolated in 1970 from the malignant adenocarcinoma breast tissue of a 69-year old woman. Cells exhibit some features of differentiated mammary epithelium including estradiol synthesis and formation of domes. Cells can carry B or C type retrovirus and are thought to represent a category 2 pathogen (P2 containment). Cells express the wild-type and variant estrogen receptors as well as progesterone receptor.
Applications	IP, WB
Stability	The lysate is stable for at least one year from date of shipping when stored at -80 centigrade. After incubation with SDS-PAGE sample buffer, SDS-PAGE samples need to be stored in -20 centigrade for long term storage.
Storage	Store the lysate at -80 centigrade and avoid repeated freeze / thaw cycles.
Concentration	1 vial of 100 µg whole cell lysate in RIPA buffer. 1 vial of 250 µL 2 x SDS Sample Buffer (4% SDS, 125 mM Tris-HCl pH 6.8, 10 % Glycerol, 0.002 % Bromphenol blue, 100 mM DTT)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Modified RIPA buffer (25 mM Tris-HCl pH 7.6, 150 mM NaCl, 1% NP-40, 1 mM EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma) and 1 mM Na3VO4)
Shipping	Shipped on dry ice.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA