

# LC0706F

## MCF7+Insulin Cytosol

Cytosolic lysate from MCF7 cells that were cultivated to 80% confluency and deprived of serum for 18 hours and then treated with 10 µg/ml insulin for 15 minutes prior to harvesting



# KINEXUS

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### Production

<b>Product Name Long:</b>	Human breast carcinoma MCF7 cells - Insulin-treated - Cytosolic lysate
<b>Production Method:</b>	MCF7 cells were cultivated to 80% confluency and deprived of serum for 18 hours and then treated with 10 µg/ml insulin for 15 minutes prior to harvesting. Lysates were prepared from scrapped cells that were homogenized by sonication in buffer formulated with 60 mM β-glycerophosphate, pH 7.2, 20 mM MOPS, 20 mM sodium pyrophosphate, 30 mM sodium fluoride, 5 mM EDTA, 3 mM benzamidine, 2 mM EGTA, 1 mM sodium orthovanadate, 1 mM phenylmethylsulfonylfluoride, 1 mM dithiothreitol, 10 µM leupeptin, and 5 µM pepstatin A. Cytosolic lysates were prepared following sonication and 30 min ultracentrifugation at 100,000 rpm. Lysates were further diluted in homogenizing buffer at a final concentration of 3 mg/ml.
<b>Amount:</b>	200 µg
<b>Protein Concentration:</b>	3 mg/ml
<b>Storage Stability:</b>	1 year at -70°C

### Applications

<b>Lysate Use Description:</b>	For testing antibodies by immunoprecipitation or immunoblotting, and for assays of enzymes.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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