

# LC0401S

## HepG2 Cytosol

Cytosolic lysate boiled in SDS-PAGE sample buffer prepared from HepG2 cells that were cultivated to 80% confluency and deprived of serum for 18-20 hours prior to harvesting



# KINEXUS

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Production

<b>Product Name Long:</b>	Human hepatic carcinoma HepG2 cells - Cytosolic lysate
<b>Production Method:</b>	HepG2 cells were cultivated to 80% confluency and deprived of serum for 18-20 hours prior to harvesting. Lysates were prepared from scrapped cells that were homogenized by sonication in buffer formulated with 60 mM $\beta$ -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 $\mu$ M leupeptin, and 5 $\mu$ M pepstatin A. Cytosolic lysates were prepared following sonication and 30 min ultracentrifugation at 100,000 rpm. Lysates were further diluted in SDS-PAGE sample buffer at a final concentration of 2 mg/ml.
<b>Amount:</b>	200 $\mu$ g
<b>Protein Concentration:</b>	2 mg/ml
<b>Storage Stability:</b>	1 year at -70°C

### Applications

<b>Lysate Use Description:</b>	For testing antibodies by immunoblotting.
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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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