

Jurkat whole cell lysate

Cat. No. GTX30596

Species Human

Package
150 µl

PRODUCT

Summary

Cells were washed with PBS and then incubated on ice in modified RIPA buffer, containing 150 mM sodium chloride, 50 mM Tris HCl, pH 7.4, 1 mM EDTA, 1.0% NP-40, 0.5% sodium deoxycholic acid, 0.1% SDS and 0.01% (w/v) sodium azide to lyse the cells. Protein integrity was ensured using a cocktail of protease inhibitors with broad specificity for the inhibition of aspartic, cysteine, and serine proteases as well as aminopeptidases (0.1 mM AEBSF HCl, 0.08 µM Aprotinin, 5 µM Bestatin, 1.5 µM E-64, 2 µM Leupeptin Hemisulfate, 1 µM Pepstatin A). Phosphatase inhibitors 1 mM NaF and 1 mM Na₃VO₄ were also added. Cell debris was removed by centrifugation. Protein concentration was determined by a modified Lowry assay using a commercially available kit. Protein concentration was adjusted to 2 mg/ml and then an equal volume of 2X SDS-PAGE sample buffer was added.

Properties

Form Liquid

Buffer 1x SDS sample buffer, 5% β-mercaptoethanol

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

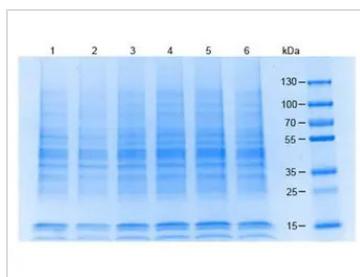
Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

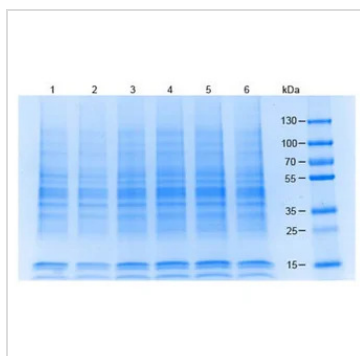
DATA IMAGES



GTX30596 Image



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GTX30596 Image

SDS-PAGE analysis of various cell lysates.

Lane 1 : HeLa cell lysate

Lane 2 : GTX30596

Lane 3 : 293T cell lysate

Lane 4 : MCF-7 cell lysate

Lane 5 : A549 cell lysate

Lane 6 : Raji cell lysate

Loading : 20 µg



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