

A549 whole cell lysate

Cat. No. GTX05055

Species Human**Package**
500 µg

PRODUCT

Summary

Cells were washed with PBS and then incubated on ice in modified RIPA buffer 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. Lysates are prepared in denaturing buffer WITHOUT dissociating agents (i.e. no 2-mercaptoethanol or dithiothreitol has been added).

Properties

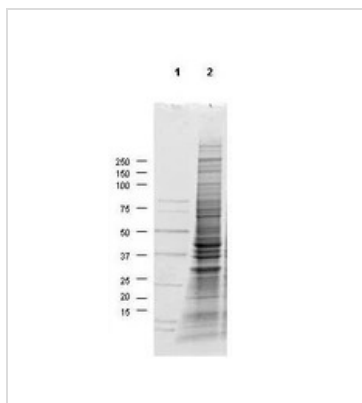
Form Liquid**Buffer** 62.5 mM Tris HCl, 2% SDS, 0.005% bromophenol blue, 10% Glycerol**Preservative** No preservatives**Storage** This whole cell lysate is stable for three months at -20°C**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)

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



GTX05055 Image

SDS-PAGE analysis of GTX05055 A549 whole cell lysate.

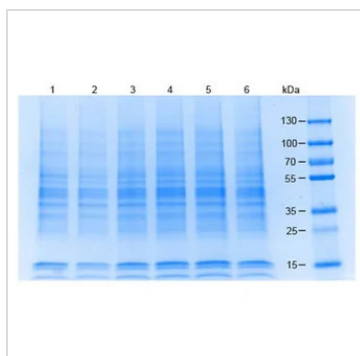
Lane 1 : Molecular weight marker

Lane 2 : GTX05055

Loading : 30 µg



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GTX05055 Image

SDS-PAGE analysis of various whole cell lysates.

Lane 1 : HeLa whole cell lysate

Lane 2 : Jurkat whole cell lysate

Lane 3 : HEK293 whole cell lysate

Lane 4 : MCF-7 whole cell lysate

Lane 5 : GTX05055

Lane 6 : Raji whole cell lysate

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