A549 whole cell lysate

Cat. No. GTX05055

Species	Human

Package
500 µg

PRODUCT

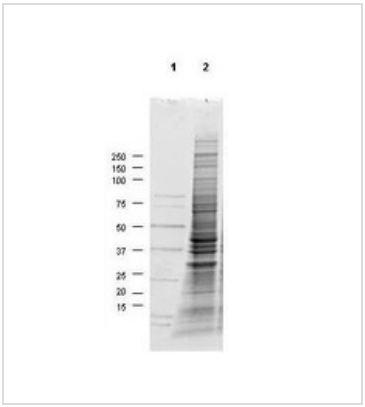
Summary

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 Na_3VO_4 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 -20ºC
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

For full product information, images and publications, please visit our website.

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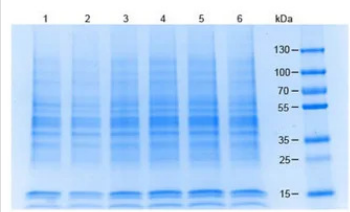

GTX05055 Image

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
Loading : 20 µg

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