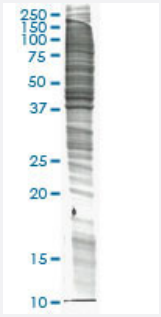
293 (human embryonic kidney,adenovirus type 5 transformed) whole cell lysate (non-denatured)

Catalog # L067V2 Size 200 ug

Applications



SDS-PAGE Gel

Specification

Product Description	Whole cell lysate (non-denatured).
Tissue	Kidney
Host	Human
Preparation Method	Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of p rotease inhibitors (Sigma). Cell debris was removed by centrifugation. Protein concentration was det ermined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay).
Lysis Buffer	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0. 1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue. SDS-PAGE Gel
Recommend Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minut es followed by rapid cooling for western blot application. If dissociating conditions are required, add r educing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Applications

- Immunoprecipitation

  Protocol Download

- Western Blot

Publication Reference

- Rapid antibody selection by mRNA display on a microfluidic chip.

  Noriko Tabata, Yuko Sakuma, Yumiko Honda, Nobuhide Doi, Hideaki Takashima, Etsuko Miyamoto-Sato, Hiroshi Yanagawa.

  Nucleic Acids Research 2009 May; 37(8):e64.

  Application: WB-Ce, Human, HEK 293 cells

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