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## 293 Cell Lysate

**Catalog No:** CL-66-1210

**Size:** 100 µg

**Cell line:** 293 (Human transformed primary embryonal kidney)

**Source:** Human (embryonal) kidney transformed by sheared human adenovirus 5 (Ad 5) DNA

**Growth media:** RPMI & 10% FBS (Fetal bovine serum)

### Cell lysate preparation:

293 cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.

### Application:

293 cell lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

### Storage:

It is supplied as whole cell lysate at 100 µg at 2 mg/ml in 1 x SDS sample buffer containing 5% β-mercaptoethanol. Store at -20°C for three months or at -70°C for one year.

### Usage:

This item is for LABORATORY RESEARCH USE ONLY.

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