

For Research Use Only

# Gentle Cell Lysis Buffer

Catalog Number: PR20136



## Product Information

The Gentle Cell Lysis Buffer was developed by Proteintech to have mild lysis strength. It can be used to prepare protein lysates from cells and tissues for various applications including Western Blot, IP, Co-IP, ELISA, etc.

## Components

The components of the Gentle Cell Lysis Buffer are TrisHCl (pH 7.4), NaCl, 0.5% NP-40, NaN<sub>3</sub>, and EDTA.

## Package

100 mL/250 mL

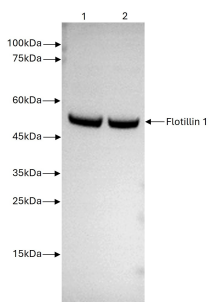
## Storage

Store at 4°C for up to one year.

## Cautions

1. The buffer does not contain any protease or phosphatase inhibitors. Therefore, these will need to be added prior to lysing your samples.
2. The protein content varies between different samples, and the volume of the lysis buffer can be adjusted accordingly.
3. A small mass of transparent colloid may appear in the lysate product corresponding to DNA. This can be broken up by sonication at low temperatures, followed by centrifugation at 10,000 g.
4. For your safety and health, please wear lab coats and disposable gloves to use this product.
5. This product is only used for scientific research and should not be used for clinical diagnosis or treatment.

## Validation Data



HeLa cells were lysed using Gentle Cell Lysis Buffer (PR20136). Lysates were subjected to SDS-PAGE (5 ug protein/well) followed by western blot with 15571-1-AP (Flotillin 1 antibody).

**For technical support and original validation data for this product please contact**

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