

## RIPA Lysis Buffer (Strong)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: -20°C for 1 year  
Actual storage temperature shall be subject to the COA.

### Biological Description

Description	<p>Targetmol RIPA Lysis Buffer is a traditional rapid lysis buffer for cellular tissues. RIPA stands for Radio Immunoprecipitation Assay. There are many different formulations of RIPA lysis buffer, which can be broadly categorized into strong, medium, and weak depending on the strength of the lysate. The protein samples obtained from the buffer can be used for general PAGE, Western Blot (WB), Immunoprecipitation (IP), Co-immunoprecipitation (Co-IP) and ELISA. This product can be used for cell or tissue samples of animals and plants, as well as fungal or bacterial samples.</p> <p>The main components of a strong RIPA lysis buffer include 50 mM Tris (pH 7.4), 150 mM NaCl, 1% Triton X-100, 1% sodium deoxycholate, 0.1% SDS, and sodium orthovanadate, sodium fluoride, EDTA, leupeptin, and many other inhibitors. However, our RIPA lysis buffer does not contain all of the components of a protease/phosphatase inhibitor Cocktail. To effectively prevent protein degradation, adding PMSF or Protease/Phosphatase Inhibitor Cocktail is recommended.</p>
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### Reference

- Wang F, Huang J, Zeng S, et al.ETS homologous factor, controlled by lysine-specific demethylase 5B, suppresses clear cell renal cell carcinoma by inducing Filamin-B.Gene.2024: 148702.
- Liang T, Zhang Z, Bai Z, et al.STAT3 Increases CVB3 Replication and Acute Pancreatitis and Myocarditis Pathology via Impeding Nuclear Translocation of STAT1 and Interferon-Stimulated Gene Expression.International Journal of Molecular Sciences.2024, 25(16): 9007.
- Liu A Y.Decreased RSPO3 and b-Catenin in Preeclampsia: Correlation with Blood Pressure and Pregnancy Outcomes.Med Sci Monit.2024, 30: e945848.

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