

Protein Extraction Kit

Protein Extraction Kit (ab270054) is for the solubilization of proteins for a variety of proteomics applications.

What's included?

1 Kit

Components

Protein Extraction Buffer

1 x 50 mL

Reactivity data

Application	Purification
Reactivity	Reacts
Dilution info	-
Notes	-

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Please refer to protocols

Notes

Protein Extraction Kit (ab270054) is for the solubilization of proteins for a variety of proteomics applications. The kit contains a proprietary buffer designed to maximize the extraction of proteins from cells and tissues under conditions

that are compatible with downstream proteomics applications. The Protein Extraction buffer contains reducing agents and SDS and provides unbiased extraction of proteins from cells and tissues. The resulting lysates are compatible with protein quantification assays, fractionation using the Gelfree® 8100 Sample Fractionation System, other SDS-PAGE separations, and the Filter-Aided Sample Preparation (FASP) method. This product is manufactured by Expedeon, an Abcam company. It was previously called UPX Universal Protein Extraction Kit. Expedeon product code 44101 is the same as the 1 kit size of this product.

Guidelines:

The kit provides efficient protein extraction for both freshly harvested cells and frozen cells.

The Protein Extraction buffer contains SDS and reducing agents. For accurate determination of total protein concentration, use an assay that is compatible with detergent and reducing agent.

The kit is designed for maximum, unbiased extraction, reduction, and denaturation of whole proteomes. It should not be used prior to functional protein assays.

Product promise

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:

[Terms & Conditions.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.