

Membrane and Cytosol Protein Extraction Kit

Catalogue No.: abx090627

1. Membrane and Cytosol Protein Extraction Kit provides a simple and convenient way for extracting membrane and cytosol protein from cultured cells and tissues. This kit can extract not only the membrane protein on the plasma membrane, also the membrane protein on the Mitochondrial, Endoplasmic reticulum and Golgi apparatus. 2. This kit breaks cells properly by homogenizing, and through low speed centrifugation, discards nucleus and precipitate produced by the unbroken cells. Then, collect the supernatant and centrifuge at high speed to obtain the cell membrane pellets and the cytosol protein included supernatant. At last, extract the membrane protein from the pellets through Membrane Protein Extraction Reagent. 3. It takes about 90 min to complete separating and extracting the membrane and cytosol protein from cultured cells and tissues. Extracted proteins can be used for SDS-PAGE, Western, enzyme activity and other subsequent experiment. 4. The Membrane Protein Extraction Reagent contains protease and phosphatases inhibitor, EDTA, etc. Thus, it is not suitable for determining the activities of enzymes which affected by these inhibitors (like protease, phosphatases), but the extracted membrane or cytosol proteins can be used for detection of protein phosphorylation levels. 5. The kit can be used for 100 samples. User can adjust the volume of reagent according to different sample volumes.

Tested Applications: WB

Note: This product is for research use only.