

Endoplasmic Reticulum Extraction Kit

The endoplasmic reticulum is present in various eukaryotic cells except mammalian mature erythrocytes. The endoplasmic reticulum is an interconnected laminar or small tubular system composed of biological membranes. The interstitial spaces between the membranes are called cisterns, which are usually not directly connected with the extracellular space and the cytoplasmic matrix. On the one hand, this intracellular membrane conduit system constitutes a pathway for the transport of intracellular substances, and on the other hand, it provides a broad reaction area for various enzymatic reactions in the cell. The function of the endoplasmic reticulum is related to protein synthesis, carbohydrate and lipid synthesis, detoxification, assimilation, and also has the function of transporting proteins.

Endoplasmic Reticulum Extraction kit can be used for the extraction of endoplasmic reticulum from various animal cells and solid soft and hard tissue samples. This kit is suitable for the extraction of various rough endoplasmic reticulum and smooth endoplasmic reticulum. This kit can be used for experiments related to the extraction of complete endoplasmic reticulum, as well as for downstream endoplasmic reticulum protein extraction and other experiments.

Catalog No.	501107
Size	50 preps
Product Category	Protein Isolation
Storage/Stability	2-8°C / 1year
Shipping	Gel Packs