Protein Extraction Method:

1.  Homogenize tissue in 500uL CelLytic MT1 (with Protease Inhibitor Cocktail2).

2.  Pellet debris 10,000g, 10min, 4C.

3.  Transfer supernatant to new tube, keep on ice or store @ -20C.

1CelLytic MT is an efficient reagent for the extraction of proteins. The lysis buffer consists of a dialyzable mild detergent, bicine, and 150 mM NaCl, resulting in minimal interference with protein interactions and biological activity. CelLytic MT is also used for extraction of cell-line proteins. A volume of 20 mL of CelLytic MT is sufficient for 1 gram of tissue.

<http://www.sigmaaldrich.com/catalog/product/sigma/c3228?lang=fr&region=FR>

2A mixture of protease inhibitors with broad specificity for the inhibition of serine, cysteine, aspartic proteases and aminopeptidases. Contains 4-(2-aminoethyl)benzenesulfonyl fluoride (AEBSF), pepstatinA, E-64, bestatin, leupeptin, and aprotinin. Contains no metal chelators.

<http://www.sigmaaldrich.com/catalog/product/sigma/p8340?lang=fr&region=FR>