

Catalog No.: PROT-SC-N
Product Name: Shredder Spin Column
Size: 100 set /pack

DESCRIPTION: The Shredder Spin Columns are very unique polymer shredding system in a microcentrifuge spin-column format. Shredder Spin Columns will homogenize cell or tissue lysates to reduce viscosity. Homogenization shears the high-molecular weight genomic DNA and other high-molecular-weight cellular components to create a homogenous lysate. Cell or tissue lysate is loaded onto the Shredder Spin Column and get homogenized at a simple high speed centrifugation spin. The homogenized lysate collected can be used for downstream applications, such as RNA purification, protein or enzyme assay experiments. The Shredder Spin Columns itself is chemically inert and will not bind nucleic acids or proteins.

Shredder Spin Columns cannot replace tissue disruption or enzymatic cell wall lysis by mechanical and/or chemical methods. Efficient cell wall disruption and lysate homogenization are still necessary for successful RNA isolation or lysate homogenization from all types of samples. Once complete disruption has been achieved, then the Shredder Spin Columns can be used in place of needle and syringe, or rotor-stator homogenization.

Specifications:

Format	The Spin Column and a 2.0ml capped collection tube as one set.
Principle	Homogenization through the special polymer layer with unique pore size
Equipment	Microcentrifuge
Binding	None
Matrix / Construction	Polymer / Polypropylene
Protease/RNase	Not detected

Storage: Stored at room temperature