Active Native Saponaria Officinalis SAP6

Cat. No. SAP6-91 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This monomeric RNA N-glycosidase purified from seeds of the plant Saponaria officinalis also known as Soapwort, is capable of specific depurination of eukaryotic ribosomes thus arresting protein synthesis.
Species	Soapwort
Source	Saponaria Officinalis
Description	Saporin is a ribosome-inactivating protein (RIP) of type I. No ligand has been identified in saporin hence its inability to transverse the cell membrane. Due to its toxicity and stability of the structure, saporin has proven extremely useful for construction of immunotoxins.
Form	Lyophilised
Bio-activity	Upon introduction into the cells, saporin will arrest the protein synthesis by damaging the ribosmes.
Purity	95% by SDS-PAGE and Western Blot.
Storage	Aliquot and keep at -20°C for long-term storage. For short term keep at 4°C. Avoid repetitive freeze/thaw cycles.
Reconstitution	Saporin may be reconstituted in the buffer of choice for example PBS.

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