

Bioactive

Micrococcal nuclease (*S. aureus*)

Catalog # P5291 Size 15000 Units

Specification

Product Description	Lyophilized.
Biological function	Micrococcal nuclease catalyzes cleavage of both DNA and RNA to yield 3'-nucleotides. It exhibits ex o- and endo-5'-phosphodiesterase activities.
Host	Staphylococcus
Theoretical MW (kDa)	16.8
Form	Lyophilized
Preparation Method	Native protein chromatographically purified from <i>Staphylococcus aureus</i> (Strain Foggi)
Activity	>=6,000 units per mg protein. One Unit corresponds to a change in optical density of 1.0 at 260 nm at 37°C, pH 8.0, using DNA as the substrate.
Recommend Usage	Micrococcal Nuclease Assay; Elucidation of nucleic acid and oligonucleotide sequence studies.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity