Bioactive

Deoxyribonuclease I

Catalog # P5224 Size 25 mg

Specification

Product Description	Lyophilized. Partially purified.
Biological function	Bovine pancreatic deoxyribonuclease is an endonuclease which splits phosphodiester linkages, preferentially adjacent to a pyrimidine nucleotide yielding polynucleotides with free hydroxyl group at the 3' position and phosphate group at the 5' position.
Host	Bovine
Theoretical MW (kDa)	31.3
Form	Lyophilized
Preparation Method	Native protein purified from Bovine Pancreas
Activity	>=2,000 Kunitz units per mg dry weight. One Unit causes an increase in absorbance at 260 nm of 0.001 per minute per ml at 25°C when acting upon highly polymerized DNA at pH 5.0.
Recommend Usage	Deoxyribonuclease I Assay; Purifying plasmid DNA; Genomic DNA isolation; Molecular weight marker.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity

Gene Info — DNASE1

Entrez GeneID	282217
Protein Accession#	P00639

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Name	DNASE1
Gene Alias	-
Gene Description	deoxyribonuclease I
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- Efficient targeting of NY-ESO-1 tumor antigen to human cDC1s by lymphotactin results in cross-presentation and antigen-specific T cell expansion.

  Camille Le Gall, Anna Cammarata, Lukas de Haas, Ivan Ramos-Tomillero, Jorge Cuenca-Escalona, Kayleigh Schouren, Zacharias Wijfjes, A Becker, Johanna Bodder, Y Dolen, I J M de Vries, C G Figdor, Georgina Florez-Grau, Martijn Verdoes

  J Immunother Cancer 2022 Apr; 10(4):0.

Copyright © 2023 Abnova Corporation. All Rights Reserved.