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Datasheet

DNase

Gene Alias: -

Catalog Number: P5200

Regulation Status: For research use only (RUO)

Product Description: Lyophilized. 0.22 um filtered.

Host: Bovine

Theoretical MW (kDa): 31.3

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.

Applications: Enzyme
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: Native protein purified from Bovine Pancreas

Activity: >=1,000 units per vial. 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; DNA removal in primary cell isolation to decreases viscosity providing better yields; DNA removal in bioprocessing applications.

Storage Instruction: Store at 4°C.
Reconstituted with 0.5 ml of Earle's Balanced Salt Solution (EBSS) or equivalent yields a solution of 2000 units/ml (1 mg/ml).

Entrez GeneID: 282217

Gene Symbol: DNASE1