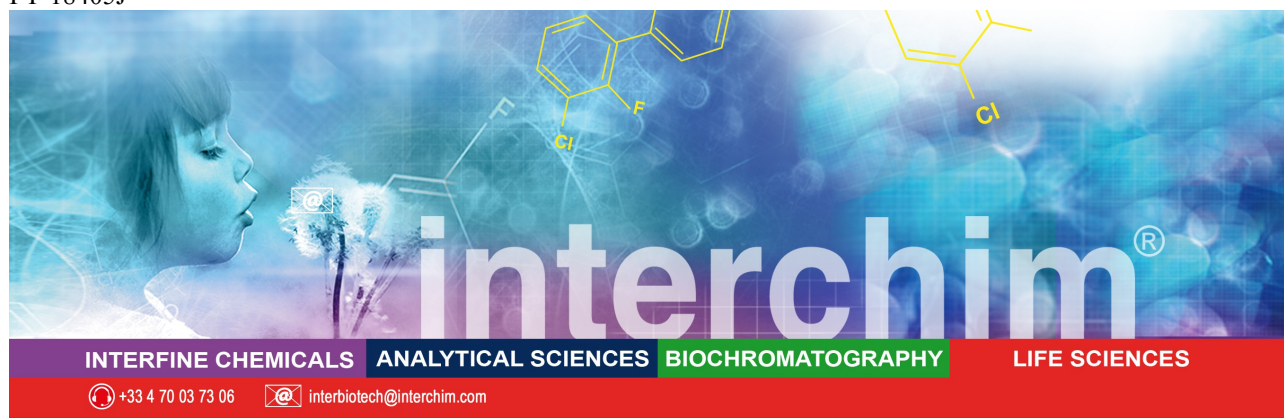


FT-18405J



DNase I

Description

Catalog #: 18405J 1g
Name: **Deoxyribonuclease I, High Quality**
2,000 KUnits/mg
Source: Bovine Pancrease
Storage: Store in an airtight container, at a temperature of 2°C to 8°C.
For Research Use Only

Introduction

Bovine pancreatic deoxyribonuclease (DNase I) 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.

The optimum pH is 7.8. DNase I is activated by bivalent metals, and inhibited by chelating agents such EDTA and sodium dodecyl sulfate. DNase I can be stabilized against proteolytic digestion by 5 mM Ca²⁺.

The Deoxyribonuclease (DNase I) has been chromatographically purified to remove trace contaminating proteases. DNase may be used in clinic to thin and liquefy mucus in the lungs.

For in vitro R&D use only

Please contact InterBioTech – Interchim for any other information

