

Dnase I, bovine recombinant

Catalogue #	P-201-100
Synonyms:	Deoxyribonuclease I
Uniprot ID:	P00639
Source:	Bovine
MW:	Approximately 29.1 kDa, a single non-glycosylated polypeptide chain containing 260 amino acids
Host:	CHO-based cell line (expressed by QMCF Technology)
Purification:	Purified by ion-exchange chromatography and gel-filtration from serum-free CHO growth media
Concentration:	0.2 mg/ml
Buffer:	10mM Ca-acetate pH 5.0, 140 mM NaCl, 5mM MgCl ₂
Bioproperties:	Protein is biologically active
QC:	Coomassie-stained SDS-PAGE
Related Products:	Monoclonal antibodies against bovine DNaseI.
Shipping:	Shipped on dry ice
Storage:	Store at -70°C upon receipt. Recommended to aliquot into smaller quantities. Avoid repeated freeze-thaw cycles
Background:	Endonucleolytic cleavage to 5'-phosphodinucleotide and 5'-phosphooligonucleotide end-products. Cofactor: Ca ²⁺ , Mg ²⁺
Custom price	Custom quantity - ask quotation

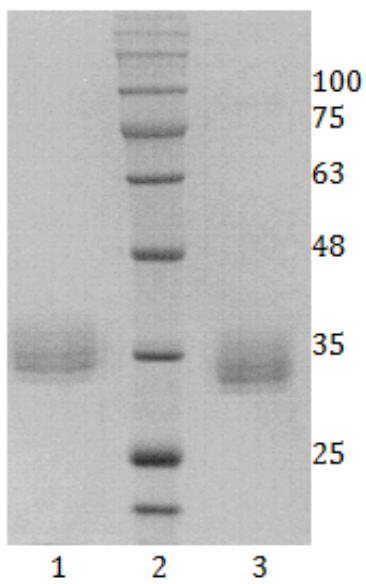


Figure 1. SDS-PAGE analysis of bovine DNase I visualized by PageBlue protein staining solution (Fermentas). Lane 1. 2 µg of bDNase I (reduced); Lane 2. Protein size marker (Prestained protein ladder, 8003, Naxo); Lane 3. 2 µg of bDNase I (non-reduced).