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Product Data Sheet

Deoxyribonuclease I

Catalog #	Source	Reactivity	Applications
CZM1130	E.coli		

Description	Recombinant Deoxyribonuclease I from E.coli
Specificity	>2000 kKunitz U/mg powder
Form	White lyophilized powder
Alternative Names	EC 3.1.21.1; pancreatic DNase; DNase; thymonuclease, dornase; dornava; dornavac; pancreatic deoxyribonuclease; pancreatic dornase; deoxyribonuclease (pancreatic); pancreatic DNase; DNAase; deoxyribonucleic phosphatase; DNase I; alkaline deoxyribonuclease;
CAS Number	9003-98-9
Molecular Weight	
Purity	>90%
Unit Definition	One Kunitz unit is defined as the amount of enzyme will produce a change in A260 of 0.001 using DNA, Type I or III, as the substrate per minute per ml at pH 5.0, 25°C.
Storage/Stability	Shipped at 4°C. Store at -20°C for 2 years.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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