For research use only

ISO9001

rDNase I (recombinant)

Product	Quantity	Cat. No.	Remarks
rDNase I (recombinant)	30,000 unit	EBT-3057	100 unit/㎕

Description

rDNase I (recombinant) endonucleolytically cleaves double-stranded DNA to 5′-phosphodinucleotide and 5′-phosphooligonucleotide end-products. rDNase I (recombinant) is overexpressed and purified from *E.coli* strain.

Concentration & Storage Condition

100 unit/㎕. Store at -20℃.

Storage Buffer

10 mM Tris-HCl, pH7.5, 10 mM $MgCl_2$, 10 mM $CaCl_2$, 50% glycerol.

10x Reaction Buffer

100 mM Tris-HCl, 7.5, 25 mM $MgCl_2$, 5 mM $CaCl_2$.

Unit Definition

1 unit is defined as the amount of enzyme required to completely degrade 1 ㎍ of DNA for 10 min at 37°C in 50 ㎕ buffer containing 40 mM Tris-HCl, pH 7.9, 10 mM NaCl, 6 mM $MgCl_2$, 10 mM $CaCl_2$.

QC Tests

Activity, SDS-PAGE purity, performance tests

㈜ 엘피스바이오텍
www.elpisbio.com
(302-854) 123-12 Chunglim-Dong, Seo-Gu, Taejeon, Korea
Tel: +82-42-581-8448, Fax: +82-42-581-8449

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