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Product Datasheet

Recombinant *Serratia marcescens* Nuclease, Yeast ABB-RPT0008LQ

Article Name	Recombinant <i>Serratia marcescens</i> Nuclease, Yeast
Biozol Catalog Number	ABB-RPT0008LQ
Supplier Catalog Number	RPT0008LQ
Alternative Catalog Number	ABB-RPT0008LQ-20KU, ABB-RPT0008LQ-500KU, ABB-RPT0008LQ-100KU, ABB-RPT0008LQ-50KU
Manufacturer	ABclonal
Host	Yeast
Category	Proteine/Peptide
Species Reactivity	Bacteria
Immunogen	Asp22-Asn266
Product Description	Catalyzes the hydrolysis of both DNA and RNA, double- or single-stranded, at the 3' position of the phosphodiester bond to produce 5'-phosphorylated mono-, di-, tri- and tetranucleotides. DNA is a slightly better substrate than RNA....
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	26.71 kDa
NCBI	87005285
UniProt	P13717
Purity	95 % as determined by SDS-PAGE.

Form	Solution in 50% glycerol containing 20 mM Tris HCl, pH 8.0, 2 mM MgCl ₂ , and 20 mM NaCl.
Sequence	DTLESIDNCAVGCPTGGSSNVSIVRHAYTLNNNSTTKFANWVAYHITKDTPAS GKTRNWKTDPALNPADTLAPADYTGANAALKVDRGHQAPLASLAGVSDWES LNYLSNITPQKSDLNQGAWARLEDQERKLIDRADISSVYTVTGPLYERDMGKL PGTQKAHTIPSAYWKVIFINNPAVNHYAFLFDQNTPKGADFCQFRVTVDIE KRTGLIIWAGLPDDVQASLKSKPGVLPGLMGCKN
Target	Nuclease
Application Dilute	Solution in 50% glycerol containing 20 mM Tris HCl, pH 8.0, 2 mM MgCl ₂ , and 20 mM NaCl.
Application Notes	ResearchArea: Tool proteins