

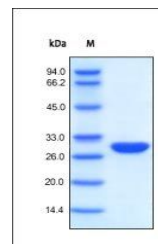
Product Datasheet

Nuclease DMF Filed Protein (orb257222)

Description	Nuclease DMF Filed Protein
Reactivity	Bacteria
Endotoxins	1.0 EU per µg
Conjugation	Unconjugated
Target	Nuclease
Preservatives	Tris HCl, pH 8.0, MgCl ₂ , and NaCl
Form/Appearance	Powder
Storage	-20°C
Tag	Native
Note	For research use only

Application notes BenzNuclease is a recombinant form of *Serratia macescens* extracellular endonuclease produced in *Escherichia coli* cells using a proprietary process at ACROBiosystems. BenzNuclease is a homodimer with monomer molecular masses about 30 kDa. Two disulfide bonds found in the nuclease are crucial to its activity and stability. The enzyme is a non-specific nuclease with high specific activity, which degrades both single- and double-stranded nucleic acids in any form (single stranded, double stranded, linear, circular and supercoiled). It hydrolyzes internal phosphodiester bonds present between the nucleotides to 5'-phosphorylated oligonucleotides of 3-8 bases in length.

Purity	95%
Source	Nuclease (orb257222) is expressed from <i>E. coli</i> cells.
MW	26.8 kDa
Expiration Date	6 months from date of receipt.



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analysis of
BenzNuclease
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