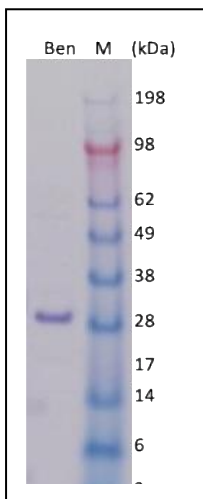


Recombinant Benzonase Endonuclease

Catalog Number	Size
AG221-10	10ug
AG221-25	25ug
AG221-B	Bulk

Description



The recombinant Benzonase endonuclease is a genetically engineered endonuclease that was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 266 amino acids with any additional tag sequence. It migrates in SDS-PAGE with an apparent molecular mass of 30kDa.

```
MRFNNKMLALAALLFAAQASADTLESIDNCAVGCPTGGSSNVSI V
RHAYTLNNSSTTKFANWVAYHITKDTPASGKTRNWKTDPALNPAD
TLAPADYTGANAALKVDRGHQAPLASLAGVSDWESLNYLSNITPQ
KSDLNQGAWARLEDQERKLIDRADISSVYTVTGPLYERDMGKLPG
TQKAHTIPSAYWKVIFINNSPAVNHYAAFLDQNTPKGADFCQFR
VTVDEIEKRTGLIIWAGLPDDVQASLKS KPGVLAELMGCKN-
```

Accession Number

M19495*

Molecular Mass

Approximately 30kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Benzonase is a DNA/RNA non-specific endonuclease that effectively degrades both DNA and RNA. The genetically engineered recombinant Benzonase is protease-free and suitable for cell lysate preparation, protein purification and other related assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (**Avoid repeated freeze-thaw cycle**)

FOR RESEARCH USE ONLY!!!